



CATALOGUE





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COMPANY PROFILE



Paul Radisich

Aegis Oil Ltd is a privately and wholly New Zealand-owned company, established over 30 years ago. Aegis Oil combines a tradition of reliable customer service, with an extensive range of premium quality virgin automotive, farming and industrial lubricants.

Because we at Aegis Oil blend and distribute our own range of premium lubricants, we offer our customers peace of mind of knowing you are dealing with a New Zealand company, with its focus on New Zealand businesses.

Our first class blending process uses high quality additives to international specifications in line with SAE (Society of Automotive Engineers) and API (American Petroleum Institute) industry compliance.

With well-known New Zealand motor racing identity, Paul Radisich, at the helm Aegis Oil is a progressive company, researching and developing lubricant solutions for tomorrow.



ENGINE OILS

ENGINE OIL 5w/30

Aegis 5w/30 Engine Oil is the latest technology multi grade oil designed to meet the API's highest requirements for a car and light truck. The oil is blended using the latest in additive technology and carefully selected thermally stable paraffinic base stocks, which together give unparalleled protection to your engine. This oil provides the highest levels of lubrication and protection over the widest range of operating temperatures and conditions.

APPLICATIONS:

Meets API Classification SJ/SL/SM/CF.

TYPICAL PROPERTIES

SAE Grade	5w/30
Kinematic Viscosity @ 40°C, cSt	59.5
Kinematic Viscosity @ 100°C, cSt	10.0
Viscosity Index	145
Pour Point, °C	-30
Flash Point, °C	213

BENEFITS:

- Meets SJ/SL/SM requirements for engine wear and deposit control.
- Extra protection for stop and go traffic conditions.
- Protection against viscosity and thermal breakdown.
- Maintains viscosity over a range of temperatures and provides stay in grade performance through the recommended drive train.
- The highest protection in both hot and cold sections of the engine, even in severe stop and go service.
- Has excellent cold start and engine warm up properties.
- Provides the highest protection against foam, rust, corrosion and oxidation.

ENGINE OIL 10w/30 MULTIFLEET

Aegis 10w/30 Engine Oil is a high technology multi grade oil designed to meet the API requirements for a car and light diesel truck engine oil. The oil is blended using the latest in additive technology and carefully selected thermally stable paraffinic base stocks, which together give unparalleled protection to your engine. This oil provides the highest levels of lubrication and protection over the widest range of operating temperatures and conditions.

APPLICATIONS:

Meets and exceeds API Classification SJ/SL/SM.

TYPICAL PROPERTIES

SAE Grade	10w/30
Kinematic Viscosity @ 40°C, cSt	59.2
Kinematic Viscosity @ 100°C, cSt	10.1
Viscosity Index	143
Pour Point, °C	-30
Flash Point, °C	213

BENEFITS:

- Meets API requirements for engine wear and deposit control.
- Extra protection for stop and go traffic conditions.
- Protection against viscosity and thermal breakdown.
- Maintains viscosity over a range of temperatures and provides stay in grade performance through the recommended drive train.
- The highest protection in both hot and cold sections of the engine, even in severe stop and go service.
- Has excellent cold start and engine warm up properties.
- Provides the highest protection against foam, rust, corrosion and oxidation.



ENGINE OIL 10w/40

Aegis 10w/40 Engine Oil is a superior high performance mineral oil giving total protection for motor vehicle engines. It is suitable for all makes and models including the latest multi valve, multi cam and turbocharged variants. Aegis 10w/40 engine oil is designed for European and Japanese vehicle use under all operating conditions. It is recommended for use in most petrol engines including turbocharged. This oil offers the highest protection against wear, rust, oxidation, piston scuffing, valve gear wear and engine deposits.

APPLICATIONS:

Meets and exceeds API Classification SJ/SL/SM/CF.

TYPICAL PROPERTIES

SAE Grade	10w/30
Kinematic Viscosity @ 40°C, cSt	104.4
Kinematic Viscosity @ 100°C, cSt	13.5
Viscosity Index	145
Pour Point, °C	-30
Flash Point, °C	210

BENEFITS:

- Meets API requirements for engine wear and deposit control.
- Extra protection for stop and go traffic conditions.
- Protection against viscosity and thermal breakdown.
- Maintains viscosity over a range of temperatures and provides stay in grade performance through the recommended drive train.
- The highest protection in both hot and cold sections of the engine, even in severe stop and go service.
- Has excellent cold start and engine warm up properties.
- Provides the highest protection against foam, rust, corrosion and oxidation.

ENGINE OIL 15w/40 SUPER DIESEL

15w/40 Super Diesel is a premium diesel engine oil meeting CG/CI-4 Classifications. Specifically blended as a low ash diesel high performance oil suitable for common rail diesel engines, including super-charged and turbo charged engines.

APPLICATIONS:

Meets and exceeds API Classification CG/CI-4.

TYPICAL PROPERTIES

SAE Grade	15w/40
Kinematic Viscosity @ 40°C, cSt	117.9
Kinematic Viscosity @ 100°C, cSt	14.2
Viscosity Index	138
Pour Point, °C	-27
Flash Point, °C	215

BENEFITS:

- Superior protection from deposits in both hot and cold sections of the engine.
- Maximum protection from rust, corrosion and foam.
- Longer oil drain intervals in diesel engines.
- Longer engine life and low maintenance costs.



ENGINE OIL 15w/40 MULTIFLEET

Aegis 15w/40 Multifleet is a quality lubricant based on a blend of high viscosity mineral oils and selected additives giving total protection for motor vehicle engines. It is suitable for all makes and models including the latest multi valve, multi cam and turbocharged variants. Aegis 15w/40 engine oil is designed for European and Japanese vehicle use under all operating conditions. It is also recommended for use in light and medium common rail diesel/petrol engines including turbocharged. This oil offers the highest protection against wear, rust, oxidation, piston scuffing, valve gear wear and engine deposits.

APPLICATIONS:

Meets and exceeds API Classification SJ/SL/CF.

TYPICAL PROPERTIES

SAE Grade	15w/40
Kinematic Viscosity @ 40°C, cSt	117.9
Kinematic Viscosity @ 100°C, cSt	14.2
Viscosity Index	136
Pour Point, °C	-20
Flash Point, °C	215

BENEFITS:

- Meets above requirements for engine wear and deposit control.
- Extra protection for stop and go traffic conditions.
- Protection against viscosity and thermal breakdown.
- Maintains viscosity over a range of temperatures and provides stay in grade performance through the recommended drive train.
- The highest protection in both hot and cold sections of the engine, even in severe stop and go service.
- Has excellent cold start and engine warm up properties.
- Provides the highest protection against foam, rust, corrosion and oxidation.

ENGINE OIL 15w/50

Aegis 15w/50 Engine Oil is an extremely high performance multigrade engine oil for use in petrol engines, including supercharged and turbo charged engines. Entirely suitable for engines operating under today's stop and go driving conditions. This engine oil is formulated with modern additive technology to reduce wear and improve control of engine deposits, to decrease valve train wear, reduce sludge problems and to enhance engine performance.

APPLICATIONS:

Meets and exceeds API Classification SJ/SL/CF.

TYPICAL PROPERTIES

SAE Grade	15w/50
Kinematic Viscosity @ 40°C, cSt	137.0
Kinematic Viscosity @ 100°C, cSt	17.5
Viscosity Index	140
Pour Point, °C	-30
Flash Point, °C	204

BENEFITS:

- Exceeds API SJ/SL requirements for engine wear and deposit control.
- Protection against viscosity and thermal breakdown.
- Maintains viscosity over a range of temperatures and provides stay in grade performance through the recommended drive train.
- Excellent protection in both hot and cold sections of the engine, even in severe stop and go service.
- Improves oil consumption control and provides longer engine life.
- Provides excellent protection against foam, rust and corrosion.



ENGINE OIL 20w/40 MULTIFLEET

Aegis 20w/40 Engine Oil is a heavy duty multigrade oil suitable for use in all petrol engines. It is suitable for use in all passenger cars, vans, utilities and light trucks (both petrol and diesel) through to the late 1990's. Suitable for common rail diesel engines.

APPLICATIONS:

Meets and exceeds API classification SJ/SL/CF. Suitable for use in petrol/diesel powered vehicles.

TYPICAL PROPERTIES

SAE Grade	20w/40
Kinematic Viscosity @ 40°C, cSt	105
Kinematic Viscosity @ 100°C, cSt	12.9
Viscosity Index	129
Pour Point, °C	-24
Flash Point, °C	230

BENEFITS:

- Meets API requirements for engine wear and deposit control.
- Excellent protection in all seasons.
- Improves oil consumption control and provides longer engine life.
- Provides protection against foam, rust and corrosion.

ENGINE OIL 20w/50

Aegis 20w/50 Engine Oil is a high performance engine oil designed for today's stop and go driving conditions. This engine oil is formulated with modern additive technology to reduce engine wear and improve control of engine deposits in all petrol engines.

Aegis 20w/50 exceeds the stringent Japanese Automobile Standards.

APPLICATIONS:

Meets and exceeds API Classification SJ/SL/CF.

TYPICAL PROPERTIES

SAE Grade	20w/50
Kinematic Viscosity @ 40°C, cSt	169.5
Kinematic Viscosity @ 100°C, cSt	19.5
Viscosity Index	132
Pour Point, °C	-24
Flash Point, °C	220

BENEFITS:

- Exceeds API SL/SJ requirements for engine wear and deposit control.
- Extra protection for stop and go traffic conditions.
- Protection against viscosity and thermal breakdown.
- Maintains viscosity over a range of temperatures and provides stay in grade performance through the recommended drive train.
- Excellent protection in both hot and cold sections of the engine, even in severe stop and go service.
- Improves oil consumption control and provides longer engine life.
- Provides protection against foam, rust and corrosion.
- Turbo rated.
- Energy conserving.



CLASSIC CAR OIL 20w/50

American V8 lubricants suitable to use in Classic engines, excellent protection for radical cam profiles ,contains zinc and anti wear additive.

APPLICATIONS:

Meets and exceeds API Classification SG/SF.

TYPICAL PROPERTIES

SAE Grade	20w/50
Kinematic Viscosity @ 40°C, cSt	119
Kinematic Viscosity @ 100°C, cSt	12.6
Viscosity Index	108
Pour Point, °C	-20
Flash Point, °C	225

CLASSIC CAR OIL 25w/60

American V8 lubricants suitable to use in Classic engines, excellent protection for radical cam profiles ,contains zinc and anti wear additive.

APPLICATIONS:

Meets and exceeds API Classification SG/SF.

TYPICAL PROPERTIES

SAE Grade	25w/60
Kinematic Viscosity @ 40°C, cSt	119
Kinematic Viscosity @ 100°C, cSt	12.6
Viscosity Index	108
Pour Point, °C	-20
Flash Point, °C	225

CLASSIC CAR OIL 30w/40

Aegis 30w/40 Engine Oil is an engine oil designed for use in earlier model cars, utilities, vans and small trucks into the 1990's. It meets API service classification SG/SF which offers protection against oil oxidation, high temperature engine deposits and rust and corrosion in gasoline engines.

APPLICATIONS:

Meets and exceeds API Classification SG/SF.

BENEFITS:

- Exceeds API SG/SF requirements for engine wear and deposit control.
- Provides protection against foam, rust and corrosion.
- Most popular general purpose light automotive oil.

TYPICAL PROPERTIES

SAE Grade	30w/40
Kinematic Viscosity @ 40°C, cSt	119
Kinematic Viscosity @ 100°C, cSt	12.6
Viscosity Index	108
Pour Point, °C	-20
Flash Point, °C	225



PLUS 100 MULTIFLEET ENGINE OIL

Aegis Plus 100 Engine Oil is a High Viscosity Engine Oil which will reduce oil consumption, engine smoking and quieten noisy engines. The high quality additive package used in Plus 100 Engine Oil gives added protection to older and high mileage petrol and light diesel engines. For added protection an oil change every 10,000km is recommended.

APPLICATIONS:

Meets API Classification SJ/SL/CF.

For use in older petrol and light diesel engines.

For use in high mileage petrol and light diesel engines.

BENEFITS:

- Quieten noisy engines.
- Reduce smoke in high mileage engines.
- Offers extra protection in stop start traffic conditions.
- Protection against viscosity and thermal breakdown.
- Improves oil consumption control and provides longer engine life.
- Provides protection against foam, rust and corrosion.

RACING GP 25w/50 ENGINE OIL

Aegis Racing GP25w/50 Engine Oil is a high performance competition and racing engine oil, blended using base oils drawn from high quality base stocks and special additives formulated to withstand the harsh racing environment. The oil is suitable for use in most four stroke engines operating under high speed and high load conditions as are usually found on race tracks.

APPLICATIONS:

Meets API Classification SJ/SL.

Where engines are operating under high load/high speed conditions.

TYPICAL PROPERTIES

SAE Grade	25w/50
Kinematic Viscosity @ 40°C, cSt	196
Kinematic Viscosity @ 100°C, cSt	21.3
Viscosity Index	124
Pour Point, °C	-21
Flash Point, °C	245

BENEFITS:

- Meets API SJ/SL requirements for engine wear and deposit control.
- Excellent protection in most conditions.
- Improves oil consumption control and provides longer engine life.

RUNNING-IN OIL

A special oil which assists in bedding-in of rings, cylinder linings and bearings. It reduces the tendency for scuffing on newly machined parts. Recommended for use in reconditioned petrol engines during the running-in period.

APPLICATIONS:

Meets API Classification SG/SH.



SAE MINERAL OILS

Aegis SAE Mineral Oils are a range of straight grade minerals oil designed for use where a mono-grade oil is required. Aegis SAE Mineral Oils are blended using an additive package designed to reduce wear, and to help reduce oxidation and to help keep engines and gearboxes cleaner. The applications for this oil are usually in small engines found on lawnmowers, small diggers, generators and other small air cooled engines, as well as some gearbox applications, both automotive and industrial where a straight mineral oil without EP additives is required.

AEGIS SAE 30 RED

is produced using two colour formulations, the standard golden brown colour, and for easy identification from other oils it is available in a red colouring if required. The other grades are all available in the standard golden brown colour.

APPLICATIONS:

For use in smaller air cooled engines.
 For use in most 4 stroke lawnmower engines.
 Where a SG/SH monograde 30 oil is required.
 Can be produced with red colouring for easy identification.
 Where non EP gear oil is specified or required.

BENEFITS:

- Reduces engine wear and helps to extend engine life.
- Helps to protect the engine under severe operating conditions.
- Helps to fight against varnishing.
- Helps to keep gearboxes cleaner.

TYPICAL PROPERTIES	20	30	40	50	90	140
SAE Grade.....	20	30	40	50	90	140
Viscosity @ 40°C, cSt	68	90	148	200	220	340
Viscosity @ 100°C, cSt	8.5	10.5	14.5	18	18.5	24
Viscosity Index	105	97	97	96	95	95
Pour Point, °c	-26	-23	-20	-20	-20	-20
Flash Point, °c	210	210	210	213	213	213



■ SERIES 2-20, 30, 40 DIESEL ENGINE OIL

Aegis Series 2 oils are a range of high quality mono-grade engine oils ideal for use as a mixed fleet lubricate for use in normally aspirated common rail diesel engines.

APPLICATIONS:

Meets and exceeds API Classification CF/CG-4.
 Where a M-2C-9104-A or M-2C-101-C oil is required.
 Where a Cat TO-2 oil is required.
 Where a Mack EO-J oil is required.
 Where a MIL-L-2104B oils are required.
 In Detroit Diesel Two Stroke Engines.

BENEFITS:

- Superior protection from deposits in both hot and cold sections of the engine.
- Maximum protection from rust, corrosion and foam.
- Longer oil drain intervals.
- Longer engine life and low maintenance costs.

TYPICAL PROPERTIES	20	30	40
SAE Grade.....	20	30	40
Viscosity @ 40°C, cSt	256.2	205	152
Viscosity @ 100°C, cSt	7.88	11.6	14.8
Viscosity Index	105	98	96
Pour Point, °C	-27	-18	-9
Flash Point, °C	246	243	240

■ SERIES 3 -10, 20, 30, 40, 50 DIESEL ENGINE OIL

Aegis Series III oils are a range of specialised mono-grade diesel engine oils for use where non multigrade engine oil performance is required. Suitable for common rail diesel engines.

APPLICATIONS:

Meets and exceeds API Classification CF/CG-4.
 Series 3/10 – for use in some hydraulic systems mainly in earthmoving equipment.
 Series 3/20 – for use in some transmissions and gearboxes.
 Series 3/30 – for use in diesel engines where a monograde oil is recommended.
 Series 3/40 – for use in diesel engines where a monograde oil is recommended, as well as some gearboxes and transmissions.
 Series 3/50 – for use in fuller and

Roadranger gearboxes and applications requiring a non EP SAE gear oil.
 Where a Caterpillar TO-2 oil is required.
 Where an Allison C3 oil is required.
 Where MIL-L-45199B oils are required.
 Where MIL-L-2104D oils are required.
 In Mack Engines requiring Mack EO-J oils.

BENEFITS:

- Superior protection from deposits in both hot and cold sections of the engine.
- Maximum protection from rust, corrosion and foam.
- Longer oil drain intervals in large diesel engines.
- Longer engine life and low maintenance costs.

TYPICAL PROPERTIES	10	20	30	40	50
SAE Grade.....	10	20	30	40	50
Viscosity @ 40°C, cSt	40.0	56.2	111.5	149.0	197.0
Viscosity @ 100°C, cSt	6.37	7.88	12.16	14.7	17.2
Viscosity Index	108	105	98	96	95
Pour Point, °C	-27	-27	-21	-19	-11
Flash Point, °C	228	246	254	264	271



CNG/LPG MULTIFLEET ENGINE OIL

This is an oil specially blended for use in engines where CNG or LPG has been installed. Additional light and low temperature protection properties make this oil suitable for use in moderate to heavy petrol and small to medium normally aspirated and lightly turbo charged engines, making it ideal for the mixed fleet operator.

This oil meets the requirements of API SJ/SL Service Classification.

SUPER TWO STROKE OIL

Aegis Super Two Stroke Oil is a high performance oil for air cooled two-stroke engines with oil-injected or pre-mix systems. Suitable for use in mixtures of up to 25 to 1. Suitable for use in motorcycles, mowers, chain saws, stationery engines and all other two stroke engines. The special ash less formulation minimises harmful combustion deposits and is designed to resist internal rust and corrosion, while providing superior anti-wear performance. Also protects against spark plug fouling and helps to extend spark plug life.

APPLICATIONS:

Where a Two Stroke Oil is recommended. In all air cooled Two Stroke Motors. Suitable for both oil-injected and pre-mix applications API TC, JASO FC. Use up to 25 to 1 mixture at manufacturers recommendation.

TYPICAL PROPERTIES

Kinematic Viscosity @ 40°C, cSt	64
Kinematic Viscosity @ 100°C, cSt	9.0
Viscosity Index	117
Pour Point, °C	-27
Flash Point, °C	105

BENEFITS:

- Ash less formulation for increased protection.
- Special low smoke formulation reduces smoking.
- Reduces plug fouling.



■ SUPER OUTBOARD OIL

Aegis Super Outboard Oil suits all water cooled two-stroke outboard motors using premixed or oil injection systems, including Jet Skis and Water Bikes. Dyed green for identification purposes. This special ash-less formulation minimizes harmful combustion deposits and is designed to resist internal rust and corrosion, while providing superior anti-wear performance. Also protects against spark plug fouling and helps to extend spark plug life.

TYPICAL PROPERTIES

SAE Grade	TC-W3
Kinematic Viscosity @ 40°C, cSt	60
Kinematic Viscosity @ 100°C, cSt	11.2
Pour Point, °C	-35
Flash Point, °C	94

RATIO PETROL TO OIL	1 LTR	5 LTR	10 LTR	20 LTR
20:1	50ml	250ml	500ml	1000ml
25:1	40ml	200ml	400ml	800ml
30:1	33ml	167ml	333ml	666ml

PRODUCT FEATURES

Self-mixing with petrol
 Reduced ring sticking

 Corrosion resistance
 Cleaner Spark Plugs,
 minimum engine deposits

BENEFITS

- Easy to use.
- Better compression, better performance, easier starting.
- Longer Engine life.
- Longer engine life and better power, less chance of pre-ignition, better spark plug performance and reliability.

Aegis Super Outboard Oil meets TC-WIII performance classification



GEAR AND TRANSMISSION OILS

■ AUTOMATIC TRANSMISSION FLUID UNIVERSAL/DEX III

Aegis Automatic Transmission Fluid

– Universal is formulated as a new generation multipurpose Automatic Transmission Fluid and is designed to offer maximum protection to most commonly found Automatic Transmissions found in passenger cars, small trucks, utes and vans. It is suitable for use where a Dexron II, II-E, Dexron III or Mercon Transmission Fluid is recommended.

APPLICATIONS:

Where Dexron, Dexron II, Dexron II-E or Dexron III oil is recommended.

Where Mercon, Ford M2C138-CJ or M2C166-H oils are recommended.

Where Allison C-4 Oils are recommended.

Where a GM, Chrysler or Borg Warner Transmission is fitted.

Late model Fords requiring type CI and type H oils.

Where a Clark torque converter or powershift transmission is fitted.

In most passenger car, vans, utilities and small truck automatic transmissions.

Suitable in most power steering units.

BENEFITS:

- Blended using the latest in additive technology to help prevent the formation of deposits which affect the performance of control valves found in automatic transmissions.
- Provides cost advantages through the use of one oil for most applications.
- Offers excellent cold running properties in cold weather, helping to eliminate cold start stalling.
- Through the use of special friction modifier additives helps to facilitate smoother shifting.

TYPICAL PROPERTIES

Viscosity @ 100°C, cSt	6.9
Viscosity @ 40°C, cSt	46
Viscosity Index	132
Pour Point, °C	-48
Flash Point, °C	220



INDUSTRIAL GEAR OILS

Industrial Gear Oils are available in viscosity grades ISO 22, 32, 46, 68, 100, 150, 220, 320, 460 and 680. Extreme pressure, high load carrying gear oils, suitable for a wide range of Industrial, Agricultural and Commercial applications calling for an EP Gear Oil such as plain and rolling element bearings, enclosed spur, helical, bevel and worm gear boxes where a non-additive mineral oil is approved by the gear manufacturer and machine tool circulating systems.

BENEFITS:

- Excellent low and high temperature performance.
- Prevents rust, corrosion and foaming.
- Reduces galling, scuffing and welding.
- Protects against shock loading.
- High load carrying capabilities.

TYPICAL PROPERTIES	68	100	150	220	320	460	680
Viscosity @ 40°C, cSt	68	100	150	220	320	439	650
Viscosity @ 100°C, cSt	8.5	11	14.5	18.6	23.7	29.8	36.5
Viscosity Index	101	96	99	98	97	96	91
Pour Point, °C	-18	-18	-18	-18	-18	-15	-12
Flash Point, °C	200	215	215	215	215	215	285

GEAR OILS EP80w/90 & EP85w/140

Aegis Gear Oils EP80w/90 and EP85w/140 are extreme pressure oils for gearboxes, hypoid final drives and differentials found in most vehicles. Suitable for use wherever an EP type oil is recommended for initial fills and top ups.

APPLICATIONS:

For use wherever and EP oil is recommended.
 In most vehicles gearboxes.
 In most vehicle differentials.
 Where API GL-5, oils are recommended.
 Where Extreme Pressure performance is required.
 In all heavy transport rear axles and oil-lubricated wheel bearings.

BENEFITS:

- Gives excellent protection against gear tooth wear.
- Gives excellent protection against foaming, rust and corrosion buildup.
- Offers excellent high temperature performance.
- Works to reduce varnish and sludge buildup.
- Helps to reduce gear chatter.

TYPICAL PROPERTIES	EP 80w/90	EP 85w/140
SAE Grade.....	80/90	85/140
Viscosity @ 40°C, cSt	134	484
Viscosity @ 100°C, cSt	13.7	29.2
Viscosity Index	103	86
Pour Point, °C	-24	-15
Flash Point, °C	207	210



GEAR OIL EP90 LS & 90 LS

Aegis Gear Oil EP90 LS is an extreme pressure gear oil especially developed for use in limited slip differentials. The high load carrying capacity of this oil helps to prevent damage to gears that are operating under extreme conditions as found in limited slip differentials, and with the use of friction modifiers, correct operation of limited slip differential clutches is assured.

APPLICATIONS:

For use in limited slip differentials.
Can be used in most gearboxes, final drives and transfer cases where an EP90 oil is required.
In most vehicle gearboxes.
In most vehicle differentials.
Where API GL-5, oils are recommended.
Where Extreme Pressure performance is required.

TYPICAL PROPERTIES

SAE Grade	90
Kinematic Viscosity @ 40°C, cSt	134
Kinematic Viscosity @ 100°C, cSt	13.7
Viscosity Index	103
Pour Point, °C	-24
Flash Point, °C	207

BENEFITS:

- Gives excellent protection against gear tooth wear.
- Gives excellent protection against foaming, rust and corrosion buildup.
- Offers excellent high temperature performance.
- Works to reduce varnish and sludge buildup.
- Helps to reduce gear chatter.
- Helps limited slip differential clutches operate correctly.

GEAR OIL EP140 LS & 140 LS

Aegis Gear Oil EP140 LS is an extreme pressure gear oil especially developed for use in limited slip differentials. The high load carrying capacity of this oil helps to prevent damage to gears that are operating under extreme conditions as found in limited slip differentials, and with the use of friction modifiers, correct operation of limited slip differential clutches is assured.

APPLICATIONS:

For use in limited slip differentials.
Can be used in most gearboxes, final drives and transfer cases where an EP 140 oil is required.
In most vehicle gearboxes.
In most vehicle differentials.
Where API GL-5, oils are recommended.
Where Extreme Pressure performance is required.

TYPICAL PROPERTIES

SAE Grade	140
Kinematic Viscosity @ 40°C, cSt	375
Kinematic Viscosity @ 100°C, cSt	25.8
Viscosity Index	95
Pour Point, °C	-15
Flash Point, °C	220

BENEFITS:

- Gives excellent protection against gear tooth wear.
- Gives excellent protection against foaming, rust and corrosion buildup.
- Offers excellent high temperature performance.
- Works to reduce varnish and sludge buildup.
- Helps to reduce gear chatter.
- Helps limited slip differential clutches operate correctly.



GEAR OIL LIGHT 85w

Gear Oil Light is formulated using special friction modifiers and modern additives. It is particularly effective in protecting gears from the effects of shock loading and prolonged high temperature operation.

TYPICAL PROPERTIES

SAE Grade	85w
API	GL-5
Kinematic Viscosity @ 40°C, cSt	50
Kinematic Viscosity @ 100°C, cSt	7.1
Viscosity Index	140
Pour Point, °C	-40
Flash Point, °C	190

ROAD RANGER GEAR OIL 50

Road Ranger 50 Oil has been formulated to extend the life and performance of **transmissions, differentials and final drives** specifying an SAE 50 for TO-4 performance.

APPLICATIONS:

Meet API Classification API GL-4.

TYPICAL PROPERTIES

SAE Grade	50
API	GL-4
Kinematic Viscosity @ 40°C, cSt	225
Kinematic Viscosity @ 100°C, cSt	20
Viscosity Index	100
Pour Point, °C	-18
Flash Point, °C	230

BENEFITS:

- Outstanding frictional characteristics for optimum clutch life.
- Excellent compatibility with both seals and frictional material.
- Ability to control brake chatter, extending the life of wet brakes.
- Enhanced wear protection leading to longer life.

AUTOMATIC TRANS FLUID BTR 95

A special purpose, automatic transmission fluid that utilizes an advanced additive system to provide excellent durability and shift feel. Suitable for use in a wide range of transmissions such as Hyundai, Mitsubishi, Mercedes-Benz, Mazda (M111), BMW, Toyota, Chrysler, Proton, Nissan (C/D), Holden, Opel and Kia. May be used in the automatic transmissions of any vehicle that specify DEXRON IID or IIE and it can also be used in power steering units and compressors that specify these types of oils.

APPLICATIONS:

Primarily for use in BTR 4 speed transmissions and also suitable for any of the above vehicles. Meet API Classification.

TYPICAL PROPERTIES

Colour	Red
Kinematic Viscosity @ 40°C, cSt	46
Kinematic Viscosity @ 100°C, cSt	8.3
Viscosity Index	172
Pour Point, °C	-48
Flash Point, °C	220

BENEFITS:

- Inhibits oxidation.
- Prevents overheating.
- Prevents premature gear failures.
- Enhances shift quality.
- Provides proper frictional characteristics for the clutch packs of the BTR transmission.



EP75W/90 FULL SYNTHETIC AND SEMI SYNTHETIC

75w/90 Synthetic gear oil is a high performance synthetic oil for synchronized or non synchronized manual gearboxes and reduction gears requiring API GL-4, GL-5.

TYPICAL PROPERTIES

SAE Grade	75w/90
Kinematic Viscosity @ 40°C, cSt	99.9
Kinematic Viscosity @ 100°C, cSt	15.5
Viscosity Index	164
Pour Point, °C	-48
Flash Point, °C	220

ATF FULL SYNTHETIC AND SEMI SYNTHETIC

ATF Synthetic ,Automatic transmission Fluid Synthetic transmissions of modern design. Most suitable for power shift transmissions and torque converters of passenger cars light commercial and industrial vehicles where Dex 111 is required. Extended drain and superior performance over mineral ATF.



Multigrade Oil
15w/40

GREASES

Shearing Plant
Oil ISO 68



Hydraulic Oil
ISO 68

Aegis have a range of High Performance Greases. All available in 400gm and 450gm cartridges, 2.5kg tins, 20kg pails and 55kg drums.

MULTI-PURPOSE EP2

This is a high quality multi-purpose lithium grease fortified with extreme pressure agents, and is designed for use in chassis lubrication, universal joints, truck fifth wheels and low load wheel bearings. Also suitable for use in ball, roller, needle and

slow speed plain bearings operating under all conditions. Suitable for use where operating temperatures are between -20 and 135 degrees C. Meets NLG1 grade 2 specifications. Distinguished by its brown colouring.

MULTIPLEX EP2 (marine use)

Multiplex high temperature water resistant. A premium quality, lithium complex extreme pressure grease that provides outstanding performance under the most severe operating conditions and in a wide service temperature range. Suitable for use where operating temperatures are between

-20 and 210 degrees C. Suitable for use in most wheel bearing applications and machinery under heavy loads. Also has a high water resistance. Meets NLG1 grade 2 specifications. Distinguished by its brown colouring.

MOLYGREASE EP2

A Moly based lithium EP grease strengthened with molybdenum disulfide to provide extra protection against fretting and vibrational motion. Most common use in CV joints and the like, also recommended for a wide variety of

powertrain applications. Suitable for use where operating temperatures are between 0 and 135 degrees C. Meets NLG1 grade 2 specifications. Distinguished by its dark, almost black colouring.

LIQUID GREASE

Containing Molybdenum Disulfide is an all purpose lubricant which combines the advantages of a solid grease with those of a lubricating oil. Provides lubrication, reduced noise and vibration, reduced friction

and anti-rust and anti-corrosion properties to give full protection in metal parts and inaccessible places. Working temperature of -34 and 110 degrees C.



HAND CLEANERS

HANDCLEANER XTRA (WITH PUMICE)

Aegis Handcleaner Xtra is a safe, waterless cleaner that can be used in situations where suitable facilities are not available.

APPLICATIONS:

Aegis Handcleaner Xtra readily removes printer inks, grease, oil, paint, bitumen, tar, grime and generally dirt of any kind. It is recommended in industry, workshop, office, farm and home. It has been approved for use in non food areas by the Ministry of Agriculture and Fisheries (MAF). It is high solvency type cleaner with power to remove stubborn materials, coupled with protective formula to ensure that it is gentle on the hands.

DIRECTIONS

Rub hands with small amount of Handcleaner Xtra. Wipe with paper towel or cloth. No water is needed to remove dissolved grease and grime for hands. However, we do recommend that wherever possible, hands be rinsed with water.

CHEMICAL COMPOSITION

Aegis Handcleaner Xtra contains 0.1% Chloroxyenol as an antiseptic to reduce the risk of irritation, infection or contact with dermatitis. It also contains hydrocarbons, solvent with a proportion of aromatics, surfactants, emulsifiers, water and skin conditioning agents.

STORAGE

Handcleaner Xtra should be stored in a cool place with the lid replaced when not in use.

LAUNDRY HAND SOAP

Liquid Hand Soap is a thick handcleaner, with a rich lather and excellent cleaning properties. However, it will not cause skin to become dry and cracked. It is formulated for light and heavy-duty handcleaning in all types

of industry and water types. Containing emollients designed to protect the skin and hands from drying out, it is suitable for use as a general body and hair shampoo.



Multigrade Oil
15W/40

DEGREASERS

Shearing Plant
Oil ISO 68

Hydraulic Oil
ISO 68

K.O. DEGREASER

K.O Degreaser is a specially formulated heavy duty cleaner for the speedy and convenient removal of a wide range of contaminants such as oil, dirt, dust, grease, exhaust stains, ink, and carbon deposits.

It contains potassium hydroxide and is not recommended for use on reactive metals. A liquid-pinkish/purple in colour, K.O Degreaser is used in a wide range of industries.

QUICK CLEAN

Quickclean is a specially formulated cleaner for the speedy and convenient removal of a wide range of contaminants such as oil, dirt, dust, grease, exhaust stains, ink and light carbon deposits. It is safe to use on most surfaces including reactive metals, and can be used safely at recommended concentrations, However, Quickclean is

a caustic cleaner, and surfaces should be tested for colourfastness, and other reactions. The undiluted product could affect some plastic surfaces, but not after dilution with water. It is a yellow liquid, which can be used throughout a wide range of industries. Also suitable to clean concrete floors.

UB CLEANER

UB Cleaner is a specially formulated, ready to use cleaner for the speedy and convenient removal of grease, dirt, and oil, which accumulates under the body of

cars and trucks. It is a caustic, dark brown liquid which is pre-diluted at a ready to use concentration. For light jobs, UB Cleaner may be diluted with water.

SUPER SOLV

SuperSolv is an effective cleaner for degreasing and removing heavy oils and greases. Formulated for use in industries where heavy duty degreasing is required. Not suitable for dilution.

well with a strong jet of water. CONCRETE CLEANING- Apply liberally to surface and scrub well with a stiff brush or broom. Allow to dwell for 5 minutes and rinse off with a strong jet of water.

APPLICATIONS:

- Degreasing workshop floors, machinery and equipment.
- Degreasing and removing heavy oils and greases.
- Cleaning oil spots off concrete floors, paths and driveways.

DIRECTIONS

SPRAY or BRUSH – Apply liberally to the surface. Scrub well and/or allow to dwell for approximately 5 minutes. Rinse off thoroughly with a strong jet of water.
IMMERSION SOAK TANK- Place article to be cleaned into Super Solv and allow to soak for 15-30 minutes. Remove and rinse

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clean colour-less liquid
Odour.....	Solvent Odour
Specific Gravity	0.84
% Volatiles	90
Flash Point	40°C
UN No.	1300
Hazchem Code.....	3(Y)E
Proper Shipping Name	Turpentine
	Substitute
Dangerous Goods Class	3.1c
Packing Group.....	III
Group Standard	Cleaning Products
	(Flammable)



SYNTHETIC OILS

0w/30 FULL SYNTHETIC ENGINE OIL

An advanced full synthetic, low ash engine oil designed to help deliver outstanding engine protection and enhanced fuel economy. Blended with high quality synthetic base stocks and additives, this advanced oil exceeds every day modern petrol engines including turbocharged and supercharged engines.

APPLICATIONS:

Meets and exceeds API Classifications SM/SN/CF.

TYPICAL PROPERTIES

SAE Grade	0w/30
Kinematic Viscosity @ 40°C, cSt	62.9
Kinematic Viscosity @ 100°C, cSt	10.9
Viscosity Index	166
Pour Point, °C	-50
Flash Point, °C	226

BENEFITS:

- Helps to increase engine efficiency.
- Offers outstanding improved fuel economy.
- Provides high temperature protection.
- Possesses outstanding thermal and oxidation stability.
- Suitable for extreme cold conditions with low temperature capabilities.

0w/40 FULL SYNTHETIC ENGINE OIL

An advanced performance low ash, full synthetic engine oil designed to help provide exceptional cleaning power, wear protection and overall performance. 0w/40 is perfect for all types of modern vehicles, especially high performance turbocharged and supercharged engines vehicles.

APPLICATIONS:

Meets and exceeds API Classification SM/SN/CF.

TYPICAL PROPERTIES

SAE Grade	0w/40
Kinematic Viscosity @ 40°C, cSt	75
Kinematic Viscosity @ 100°C, cSt	13.5
Viscosity Index	185
Pour Point, °C	-48
Flash Point, °C	230

BENEFITS:

- Helps provide unsurpassed levels of protection.
- Helps to keep engines starting in extreme cold weather conditions.
- Active cleaning agents preventing deposits, sludge build up and varnish often formed in high temperature operating conditions.
- Outstanding thermal and oxidation stability.
- Enhanced frictional properties aiding fuel economy.



5w/30 FULL SYNTHETIC ENGINE OIL

A full synthetic, low ash engine oil designed to keep your engine running like new by providing exceptional wear protection, cleaning power and overall performance. Meets and exceeds the requirements of the industry's toughest standards. Blended with high performance synthetic base stocks and additives. Complies with ACEA C3. Suitable for BMW and VW.

APPLICATIONS:

Meets and exceeds API Classification SM/SN/CF.

TYPICAL PROPERTIES

SAE Grade	5w/30
Kinematic Viscosity @ 40°C, cSt	61.7
Kinematic Viscosity @ 100°C, cSt	11
Viscosity Index	172
Pour Point, °C	-42
Flash Point, °C	230

BENEFITS:

- Advanced full synthetic formula.
- Excellent low temperature capabilities.
- Prevents deposits and sludge build up.
- Enhanced wear protection.
- Modern day frictional properties aiding fuel economy.
- Helps to extend engine life.

5w/40 MULTIFLEET FULL SYNTHETIC ENGINE OIL

A fully synthetic, low ash supreme performance engine oil that helps extend engine life while providing long drain capabilities, exceptional low temperature performance and improved fuel economy in severe applications. Complies with ACEA C3. Suitable for BMW and VW.

APPLICATIONS:

Meets and exceeds API Classification SM/SN/CF.

TYPICAL PROPERTIES

SAE Grade	5w/40
Kinematic Viscosity @ 40°C, cSt	82.2
Kinematic Viscosity @ 100°C, cSt	13.7
Viscosity Index	171
Pour Point, °C	-43
Flash Point, °C	230

BENEFITS:

- Excellent high and low temperature capabilities.
- Superior protection against deposits, sludge build up and varnish.
- Longer oil drain intervals.
- Longer engine life and low maintenance costs.



10w/30 FULL SYNTHETIC ENGINE OIL

A full synthetic, low ash engine oil offering supreme cleaning power, wear protection and overall performance. Blended using the latest in additive technology and synthetic base stocks, 10w/30 provides the highest level of lubrication, in all modern petrol / light diesel engines.

APPLICATIONS:

Meets and exceeds API Classification SM/SN/CF.

TYPICAL PROPERTIES

SAE Grade	10w/30
Kinematic Viscosity @ 40°C, cSt	63.2
Kinematic Viscosity @ 100°C, cSt	10.1
Viscosity Index	146
Pour Point, °C	-42
Flash Point, °C	232

BENEFITS:

- Exceeds requirements for engine wear and deposit control.
- Extra protection for stop and go traffic conditions.
- Excellent cold start and engine warm up properties.
- Extra anti wear and rust protection.

10w/40 FULL SYNTHETIC ENGINE OIL

A full synthetic, low ash engine oil designed to maximise engine performance and extend engine life. Suitable for all makes and models offering the highest protection against wear, rust, oxidation, piston scuffing and engine deposits.

APPLICATIONS:

Meets and exceeds API Classification SM/SN/CF.

TYPICAL PROPERTIES

SAE Grade	10w/40
Kinematic Viscosity @ 40°C, cSt	95.9
Kinematic Viscosity @ 100°C, cSt	14.7
Viscosity Index	160
Pour Point, °C	-33
Flash Point, °C	232

BENEFITS:

- Offers the highest protection against wear, rust, oxidation, piston scuffing, valve gear wear and engine deposits.
- Increased anti wear agents.
- Conserves oil and extends engine life.
- Improves fuel efficiency.



15w/40 MULTIFLEET FULL SYNTHETIC ENGINE OIL

A full synthetic, low ash engine oil blended with a special combination of synthetic base stocks and selected additives. Recommended for year round use, delivering high performance intended for all types of modern petrol and light diesel engines including turbocharged and supercharged engines and catalytic converter systems. Suitable for DPF (Diesel Particulate Filter).

APPLICATIONS:

Meets and exceeds API Classification SM/SN/CF.

TYPICAL PROPERTIES

SAE Grade	15w/40
Kinematic Viscosity @ 40°C, cSt	103
Kinematic Viscosity @ 100°C, cSt	14.6
Viscosity Index	146
Pour Point, °C	-40
Flash Point, °C	238

BENEFITS:

- High thermal stability ensuring engine reliability.
- Excellent high and low temperature properties.
- Keeps engines clean.
- Prevents build up of deposits.

LOW SMOKE FULL SYNTHETIC 2 STROKE

Aegis Low Smoke Synthetic 2 Stroke is a fully synthetic high performance, low smoke 2 stroke motorcycle oil. It is recommended for competition use and is compatible with both pre-mix and oil injection systems. Aegis Low Smoke Synthetic 2 Stroke

features a modern fully synthetic formulation that delivers maximum performance.

Aegis Low Smoke Synthetic 2 Stroke exceeds the requirements of the JASO FC international specifications. Ratio mix 35 to 1

15w/40 DIESEL FULL SYNTHETIC ENGINE OIL

The premium choice for API CI/CJ-4 diesel engines. Delivering extraordinary lubrication in diesel engines found in commercial, fleet and personal vehicles. Blended with the latest additive and synthetic base oil technology, 15w/40 low ash Diesel exceeds the higher performance demands of modern engines. Suitable for DPF (Diesel Particulate Filter).

APPLICATIONS:

Meets and exceeds API Classification CI/CJ-4.

TYPICAL PROPERTIES

SAE Grade	15w/40
Kinematic Viscosity @ 40°C, cSt	103
Kinematic Viscosity @ 100°C, cSt	14.6
Viscosity Index	146
Pour Point, °C	-40
Flash Point, °C	238

BENEFITS:

- Extended drain intervals.
- Superior engine protection, cleanliness and performance.
- Controls sludge build up and valve gear wear.
- Superior sheer stability.
- Reduced oil consumption.



AEGIS 1 FULL SYNTHETIC ENGINE OIL

Aegis 1 is a fully synthetic, low ash engine oil offering excellent engine protection in cold start conditions and maximum high temperature oil pressure. Aegis 1 combines the highest quality base oils with the high tech additive technology resulting in an oil suitable for use in the most severe conditions.

APPLICATIONS:

Suitable for use in all petrol engines, including turbocharged and supercharged engines operating under heavy load conditions.

Suitable for use where a catalytic exhaust system is fitted.

Meets and exceeds API Classification SM/SN.

TYPICAL PROPERTIES

SAE Grade	15w/50
Kinematic Viscosity @ 40°C, cSt	137.0
Kinematic Viscosity @ 100°C, cSt	17.5
Viscosity Index	140
Pour Point, °C	-30
Flash Point, °C	204

BENEFITS:

- Meets SN requirements for engine wear and deposit control.
- Superior protection from deposits in both hot and cold sections of the engine.
- Maximum protection from rust, corrosion and foam.
- Longer oil drain intervals in all engines.
- Longer engine life and low maintenance costs.
- Maximum cold start protection.
- Excellent high temperature engine protection.



SEMI-SYNTHETICS

SEMI-SYNTHETIC 5w/30 ENGINE OIL

Aegis Semi-Synthetic 5w/30 is a semi synthetic, low ash multigrade engine oil designed to meet the API's highest requirements for turbocharged, supercharged, petrol/diesel engines. Blended using the latest in additive technology and carefully selected thermally stable paraffin base stocks which give ultimate protection to your engine.

APPLICATIONS:

Meets and exceeds API Classification SL/SM/CF.

TYPICAL PROPERTIES

SAE Grade	5w/30
Kinematic Viscosity @ 40°C, cSt	60
Kinematic Viscosity @ 100°C, cSt	11
Viscosity Index	170
Pour Point, °C	-40
Flash Point, °C	220

BENEFITS:

- Exceeds requirements for engine wear and deposit control.
- Extra protection for stop and go traffic conditions.
- Protection against viscosity and thermal breakdown.
- Has excellent cold start and engine warm up properties.
- Provides the highest protection against foam, rust, corrosion and oxidation.
- Suitable for all DPF engines.

SEMI-SYNTHETIC 10w/30 ENGINE OIL

Aegis Semi-Synthetic 10w/30 is a semi synthetic, low ash engine oil suitable for use in cars, vans, light petrol trucks and light diesel/ petrol vehicles. This semi synthetic oil provides excellent all season protection with the latest in shear stable viscosity index improver technology. This oil also offers the highest protection against wear, rust, oxidation, piston scuffing, valve gear wear and engine deposits.

APPLICATIONS:

Meets and exceeds API Classification SL/SM/CF.

TYPICAL PROPERTIES

SAE Grade	10w/30
Kinematic Viscosity @ 40°C, cSt	62.5
Kinematic Viscosity @ 100°C, cSt	10
Viscosity Index	140
Pour Point, °C	-39
Flash Point, °C	230

BENEFITS:

- Exceeds requirements for engine wear and deposit control.
- Extra anti wear protection.
- Extra protection for stop and go traffic conditions.
- Excellent cold start and engine warm up properties.
- Suitable for all DPF engines.



SEMI-SYNTHETIC 10w/40 ENGINE OIL

Aegis Semi-Synthetic 10w/40 is a high performance, low ash semi synthetic engine oil designed to provide optimum performance in high output, multi valve, turbocharged and supercharged petrol / light diesel engines. Blended with the latest in additive technology and base stocks, this engine oil provides the ultimate protection for any light diesel/petrol vehicles.

APPLICATIONS:

Meets and exceeds API Classification SL/SM/CF.

TYPICAL PROPERTIES

SAE Grade	10w/40
Kinematic Viscosity @ 40°C, cSt	95
Kinematic Viscosity @ 100°C, cSt	14.1
Viscosity Index	156
Pour Point, °C	-30
Flash Point, °C	230

BENEFITS:

- High performance output.
- Extended engine and oil life.
- Enhanced friction properties.
- Provides protection against ring wear, piston scuffing and thermal break down.
- Suitable for all DPF engines.

SEMI-SYNTHETIC 15w/40 MULTIFLEET ENGINE OIL

Semi-Synthetic 15w/40 Multifleet is a low ash, semi synthetic engine oil extremely high in performance. A multigrade engine oil primarily intended for use in petrol/light diesel engines, including turbocharged and supercharged engines. Suitable for DPF (Diesel Particulate Filter).

APPLICATIONS:

Meets and exceeds API Classification SL/SM/CF.

TYPICAL PROPERTIES

SAE Grade	15w/40
Kinematic Viscosity @ 40°C, cSt	117.9
Kinematic Viscosity @ 100°C, cSt	15.5
Viscosity Index	138
Pour Point, °C	-27
Flash Point, °C	215

BENEFITS:

- Increased protection from piston deposits.
- Protection from oil thickening and sludge build up.
- Enhanced engine performance due to anti wear properties.
- Longer engine life.
- Suitable for all DPF engines.



SEMI-SYNTHETIC 15w/40 SUPER DIESEL ENGINE OIL

Aegis Semi-Synthetic 15w/40 Super Diesel is a low ash, semi synthetic engine oil designed to provide superior performance for diesel engines in buses, trucks and construction equipment. Blended with the latest in additive and base stock technology, 15w/40 Super Diesel exceeds the higher performance demands of modern engines. Suitable for DPF (Diesel Particulate Filter).

APPLICATIONS:

Meets and exceeds API Classification CI/CJ-4.

TYPICAL PROPERTIES

SAE Grade	15w/40
Kinematic Viscosity @ 40°C, cSt	117.9
Kinematic Viscosity @ 100°C, cSt	15.5
Viscosity Index	138
Pour Point, °C	-27
Flash Point, °C	215

BENEFITS:

- Superior protection from deposits in both hot and cold sections of the engine.
- Maximum protection from rust, corrosion and foam.
- Longer oil drain intervals.
- Longer engine life and low maintenance costs.



SEMI-SYNTHETIC 20w/50 ENGINE OIL

Aegis Semi-Synthetic 20w/50 is a high performance, low ash semi synthetic engine oil designed to provide optimum performance in high output, multi valve, turbocharged and supercharged petrol engines. Blended with the latest in additive technology and base stocks, this engine oil provides the ultimate protection for any light diesel/petrol vehicles.

APPLICATIONS:

Meets and exceeds API Classification SL/SM/CF.

TYPICAL PROPERTIES

SAE Grade	20w/50
Kinematic Viscosity @ 40°C, cSt	160
Kinematic Viscosity @ 100°C, cSt	19.5
Viscosity Index	149
Pour Point, °C	-34
Flash Point, °C	220

BENEFITS:

- High performance output.
- Extended engine and oil life.
- Enhanced friction properties.
- Provides protection against ring wear, piston scuffing and thermal break down.
- Suitable for all DPF engines.



ATV/MOTORCYCLE OILS

Aegis Oil blend a comprehensive range of ATV Oils, from a mineral 15w/40, to a semi synthetic and on to a full synthetic. These oils all combine advanced technology and balanced additive packages to provide superior protection under the most gruelling

riding conditions, including sustained high speed and high temperature operation. Aegis All Terrain Vehicle Range provide an ultimate engine oil for on and off road competition and sport machines.

ATV 10w/40 FULL SYNTHETIC ENGINE OIL

Aegis ATV 10w/40 low ash synthetic oil has been formulated with high performance additive technology that provides even greater multi-functional benefits for the special requirement of motorcycle applications. Provides second to none viscosity protection for hot running motorcycle engines, transmissions and primary chain cases.

APPLICATIONS:

Meets and exceeds API Classification SM/SN.

TYPICAL PROPERTIES

SAE Grade	10w/40
Kinematic Viscosity @ 40°C, cSt	93.9
Kinematic Viscosity @ 100°C, cSt	194.0
Viscosity Index	152
Pour Point, °C	-46
Flash Point, °C	230

BENEFITS:

- Meets API SN requirements for engine wear and deposit control.
- Excellent protection in all seasons.
- Provides protection against foam rust and corrosion.

ATV 10w/40 SEMI SYNTHETIC ENGINE OIL

A superior Semi Synthetic low ash engine oil, protecting engines with advanced additive chemistry from start up to full power. Provides excellent engine cleanliness and minimum wear to ensure long term reliability.

APPLICATIONS:

Meets and exceeds API Classification SL/SM.

TYPICAL PROPERTIES

SAE Grade	10w/40
Kinematic Viscosity @ 40°C, cSt	93.8
Kinematic Viscosity @ 100°C, cSt	14
Viscosity Index	152
Pour Point, °C	-46
Flash Point, °C	230

BENEFITS:

- Excellent Anti-Corrosion properties.
- Optimum engine power and cleanliness
- Enhanced frictional properties to ensure long term reliability.



■ AEGIS OIL ATV 10w/50 FULL SYNTHETIC ENGINE OIL

Aegis ATV 10w/50 is a premium synthetic engine Oil, blended from synthetic base stocks to provide maximum benefit in all applications. Designed to handle high stress found in engines, minimise friction and provide protection against ring wear, piston scuffing and thermal breakdown.

APPLICATIONS:

Meets and exceeds SM/SN.

TYPICAL PROPERTIES

SAE Grade	10w/50
Kinematic Viscosity @ 40°C, cSt	178
Kinematic Viscosity @ 100°C, cSt	25.1
Viscosity Index	174
Pour Point, °C	-36
Flash Point, °C	227

BENEFITS:

- Reduces deposits and sludge build up.
- Extended engine and oil life.
- Advanced efficiency and minimising engine wear.
- Quick cold starts with good low temperature fluidity.

■ AEGIS OIL ATV 10w/50 SEMI SYNTHETIC ENGINE OIL

Blended from both mineral and synthetic base stocks to provide maximum benefit in all applications. Designed to handle high stress found in engines, minimise friction and provide protection against ring wear, piston scuffing and thermal breakdown.

APPLICATIONS:

Meets and exceeds SJ/SL/SM.

TYPICAL PROPERTIES

SAE Grade	10w/50
Kinematic Viscosity @ 40°C, cSt	178
Kinematic Viscosity @ 100°C, cSt	25.1
Viscosity Index	174
Pour Point, °C	-36
Flash Point, °C	227

BENEFITS:

- Reduces deposits and sludge build up.
- Extended engine and oil life.
- Advanced efficiency and minimising engine wear.
- Quick cold starts with good low temperature fluidity.



■ ATV 15w/40 MINERAL ENGINE OIL

Extreme Condition performance: Maintains proper lubrication to protect engines under extreme farm conditions.

Minimal Wear: Increased anti wear agents minimize wear, wet clutch protection, smooth shifting plus excellent protection of wet clutch.

Corrosion protection: Advanced additives help protect against water, deposits and other corrosive materials to keep engines clean.

APPLICATIONS:

Meets and exceeds API Classification SL/SJ.

Where a MIL-L-46152C oil is recommended.

In all gasoline engines where API- SL/SJ performance is required.

TYPICAL PROPERTIES

SAE Grade	15/40
Kinematic Viscosity @ 40°C, cSt	103.6
Kinematic Viscosity @ 100°C, cSt	12.5
Viscosity Index	122
Pour Point, °C	-24
Flash Point, °C	230

BENEFITS:

- Meets API SJ/SL requirements for engine wear and deposit control.
- Excellent protection in all seasons.
- Improves oil consumption control and provides longer engine life.
- Provides protection against foam, rust and corrosion.

■ ATV 20w/50 FULL SYNTHETIC ENGINE OIL

A full synthetic low ash 20w/50 engine Oil, specially formulated for high temperatures of air cooled engines, wet clutch lubrication, extreme pressure regions of gears and chains and rust common to short trips and storage. An exceptional motor oil that provides the ultimate protection.

APPLICATIONS:

Meets and exceeds API Classification SM/SN.

TYPICAL PROPERTIES

SAE Grade	20w/50
Kinematic Viscosity @ 40°C, cSt	152
Kinematic Viscosity @ 100°C, cSt	20.5
Viscosity Index	161
Pour Point, °C	-39
Flash Point, °C	240

BENEFITS:

- Reduces friction, heat and wear.
- Provides superior engine cleanliness.
- Enhanced shear stability.
- Resistance of all temperatures.



ATV 20w/50 SEMI SYNTHETIC ENGINE OIL

An ultra high performance, semi synthetic engine oil specially developed for on and off road applications. Designed to lubricate and protect in all conditions, ATV 20w/50 semi synthetic reduces wear and provides smoother operation with maximum protection.

APPLICATIONS:

Meets and exceeds API Classification SL/SM.

TYPICAL PROPERTIES

SAE Grade	20w/50
Kinematic Viscosity @ 40°C, cSt	160
Kinematic Viscosity @ 100°C, cSt	19.5
Viscosity Index	148
Pour Point, °C	-34
Flash Point, °C	220

BENEFITS:

- Excellent anti-corrosion properties.
- Enhanced engine power and cleanliness.
- Extra frictional additives to ensure long term reliability.
- Excellent rust and oxidation properties.

MOTORCYCLE CHAIN LUBRICANT

Motorcycle Chain Lubricant is designed specifically for the lubrication of chains, sprockets and guides. It reduces friction,

has anti-wear properties, resists throw-off, inhibits corrosion and is O ring compatible.



HYDRAULIC OILS

Aegis have a range of 5 High Performance mineral based Hydraulic Oils formulated to lubricate and protect hydraulic systems operating at high pressures and temperatures.

These oils are compatible with most metals used in hydraulic systems, including copper and bronze. The oils also offer excellent antifoam and rust protection, plus excellent demulsibility and filterability.

Aegis Hydraulic Oils are suitable for use where anti-wear hydraulic oils are specified in systems using vane, piston or gear pumps, and are specially suited for use in hydraulic systems operating in arduous conditions such as fork lifts, front end loaders, diggers and earth moving power control systems, including those with axial piston pumps for which bronze corrosion protection is often of concern. Meets Sperry Vickers I-286-S and M-2950-S specifications. These oils are also entirely suitable for use as circulating oils.

ZINC:

Aegis hydraulic oils contain Zinc as an anti-wear, anti-foam additive, but where silver bearing surfaces are present, a special Non-Zinc hydraulic oil is available by request.

TYPICAL PROPERTIES	ISO 32	ISO 46	ISO 68	ISO 100	ISO 150
Viscosity @ 40°C, cSt	32.0	46.0	68.0	100.0	150.0
Viscosity @ 100°C, cSt	5.5	6.9	8.8	11.3	14.7
Viscosity Index	106	104	102	98	97
Pour Point, °C	-20	-20	-20	-15	-12
Flash Point, °C	+210	+220	+235	+250	+260



AGRICULTURE

Multifleet Oil
15w/40

Shearing Plant
Oil ISO 68

Hydraulic Oil
150 68

ANGLE DRIVE GEARBOX GREASE

Aegis Angle Drive Gearbox Grease is specifically designed for use in angle drives, flexible shafts, gearboxes and straight transmissions of line trimmers and brush cutters. This grease contains Molybdenum Disulfide which combines the advantages of a solid grease with those of a lubricating oil.

APPLICATIONS

Specially formulated for gear box, straight transmissions and bearings.
Operating Temperature - 34°C and 110°C.

BENEFITS:

- Provides lubrication to reduce noise and vibration.
- Excellent anti-rust and anti-corrosion properties.
- Reduced friction.
- Gives full protection in metal parts and inaccessible places.
- Excellent mechanical stability.
- High resistance to water.

CHAINBAR-LUBE & DOUBLE TACK CHAINBAR-LUBE

Aegis Chainbar Lube is specially formulated using special additive packages to lubricate chains, bars and sprockets on most types of chainsaws and other equipment. Especially required where the equipment is used in an industrial situation under arduous conditions, such as chainsaws used in commercial operations.

AEGIS CHAINBAR LUBE

offers improved stick-ability lubrication on the top and bottom of the bar and works to reduce varnish forming on the chain. Also offers good anti-wear, anti-friction, tackiness and pitch dissolving properties. When used, Aegis Chainbar Lube will extend the life of the chain and the bar significantly.

For extra heavy duty use, AEGIS CHAINBAR LUBE DOUBLE TACK

should be used. This offers the added protection of increased anti-wear, anti-friction and tackiness additives.

These oils are not suitable for use as a two stroke mix or engine oil.

SPECIFICATIONS:

Aegis uses a hi-tech tackifier component blended with high quality basestocks and brightstocks to produce a chainbar lube containing a solution of high molecular weight polyolefin in mineral oil, giving a viscosity of 12 cst.

TYPICAL PROPERTIES

Typical Properties Table SAE 30	100
Typical Properties SAE 40	150
Kinematic Viscosity @ 40°C, cSt	120
Kinematic Viscosity @ 100°C, cSt	13.0
Viscosity Index	100
Pour Point, °C	-12
Flash Point, °C	234



CHAINBAR LUBRICANT (SAE 40)

Chainbar Lubricant SAE 40 is a heavier viscosity tacky, chainsaw/bar lubricant formulated from high quality base oils to provide superior chain and bar protection, condition seals and reduce sling off.

SPECIFICATIONS:

Chainbar Lubricant SAE 40 (150) is formulated at a heavier viscosity giving a centistoke reading of 14 @ 100°C.

BENEFITS:

- Excellent adhesion to the chain and bar.
- High level of protection ensures longer bar and chain life.
- Provides good anti-rust and storage protection.
- Good penetration of chain links.

ROTARY PLATFORM OIL

Rotary Platform Oil is manufactured from the highest quality mineral oil. Selected additives are incorporated to provide high load carrying ability and EP properties, the unique tack additive system protects against wear oxidation rust and corrosion

TYPICAL PROPERTIES

ISO Grade	100
Kinematic Viscosity @ 40°C, cSt	100
Kinematic Viscosity @ 100°C, cSt	11.4
Viscosity Index	164
Pour Point, °C	-20
Specific Gravity	8.7
Flash Point, °C	230
Physical Description & Colour	Bright & Clear

ROTARY VACUUM PUMP OIL (RVP)

A multi purpose vacuum pump oil specially blended to provide increased reliability in a wide range of pumps. Suitable for use in total Loss type systems. Formulated with a specific additive package designed to provide emulsification of any free water and gives excellent rust and corrosion protection.

TYPICAL PROPERTIES

ISO Grade	68
Kinematic Viscosity @ 40°C, cSt	70.2
Kinematic Viscosity @ 100°C, cSt	9.0
Viscosity Index	102
Pour Point, °C	-30
Flash Point, °C	218

ROTARY VACUUM PUMP RECIRCULATING OIL (RVP RECIRC)

A multi purpose vacuum pump oil specially blended for use in recirculating vacuum pump systems. RVP Recirculating oil is blended to provide increased rust and corrosion protection under the harsher recirculating environment.

TYPICAL PROPERTIES

ISO Grade	68
Kinematic Viscosity @ 40°C, cSt	70.2
Kinematic Viscosity @ 100°C, cSt	9.0
Viscosity Index	102
Pour Point, °C	-30
Flash Point, °C	218



■ ROTARY VACUUM PUMP OIL T46 (RVP)

Aegis T46 oil is based on highly refined mineral oils, with selected additives to improve their inherent high oxidation stability and to protect against corrosion of ferrous and non-ferrous metals. Used for pumps requiring a slightly lighter viscosity oil.

TYPICAL PROPERTIES

ISO Grade	46
Kinematic Viscosity @ 40°C, cSt	48.2
Kinematic Viscosity @ 100°C, cSt	7
Viscosity Index	104

■ SHEARING PLANT OIL

Aegis Shearing Plant Oil is a light type oil developed especially to be suitable for use in Shearing Plant and other small equipment.

Aegis Shearing Plant Oil has excellent anti-wear and antifoam properties, offering extended protection under the most extreme operating conditions.

Aegis Shearing Plant Oil is formulated specifically to reduce corrosion and offers increased oxidation properties.

TYPICAL PROPERTIES

ISO Grade	68
Kinematic Viscosity @ 40°C, cSt	70.2
Kinematic Viscosity @ 100°C, cSt	9
Viscosity Index	102
Pour Point, °C	-30
Flash Point, °C	218

■ HYDRAULIC TRANSMISSION FLUID TRACTOR TRANS 10 & 30

Aegis Tractor Trans Oils are a range of specialized mono-grade combined transmission and hydraulic fluids for use in many shared hydraulic/transmission applications as well as many transmission applications.

APPLICATIONS:

Tractor trans 10 – for use where a low viscosity hydraulic/transmission fluid is required.

Tractor trans 30 – for use where a heavier grade hydraulic/transmission fluid is required.

Where a Caterpillar TO-3 or TO-4 oil is required.

Where an Allison C3 or C4 oil is required. Meet API Specification.

BENEFITS:

- Combined hydraulic/transmission fluids help to reduce stocking requirements.
- Maximum protection from rust, corrosion and foaming in hydraulic systems.
- Longer transmission oil drain intervals.

TYPICAL PROPERTIES	10	30
SAE Grade.....	10	30
Pour Point, °C	-42	-40
Flash Point, °C	210	243



SUPER TRACTOR OIL UNIVERSAL (S.T.O.U)

Aegis Super Tractor Oil Universal oil is a high quality multifunctional oil suitable for use in all four stroke engines including modern tractors, agricultural tractors, machinery and farm vehicles, off highway vehicles, transmissions, hydraulic systems, final drives and wet brakes.

APPLICATIONS:

Where API GL-4 SG/CF oils are recommended.
Where API GL-4 oils are required.
Where Partial GL-4 gear protection is required.

BENEFITS:

- Meets API requirements for engine wear and deposit control.
- Extra protection for low speed high RPM conditions.
- Protection against viscosity and thermal breakdown.
- Maintains viscosity over a range of temperatures and provides stay in grade performance through the recommended drive train.
- Excellent protection in both hot and cold sections of the engine, even in severe stop and go service.
- Improves oil consumption control and provides longer engine life.
- Provides protection against foam, rust and corrosion.

SUPER TRACTOR OIL UNIVERSAL 15W/40 (S.T.O.U)

Aegis Super Tractor Oil Universal oil is a high quality multifunctional oil suitable for use in all four stroke engines including modern tractors, agricultural tractors, machinery and farm vehicles, off highway vehicles, transmissions, hydraulic systems, final drives and wet brakes.

APPLICATIONS:

Where API GL-4 SG/CF oils are recommended.
Where API GL-4 oils are required.
Where Partial GL-5 gear protection is required.

BENEFITS:

- Exceeds API CI-4 requirements for engine wear and deposit control.
- Extra protection for low speed high RPM conditions.
- Protection against viscosity and thermal breakdown.
- Maintains viscosity over a range of temperatures and provides stay in grade performance through the recommended drive train.
- Excellent protection in both hot and cold sections of the engine, even in severe stop and go service.
- Improves oil consumption control and provides longer engine life.
- Provides protection against foam, rust and corrosion.



MISCELLANEOUS

AIR TOOL OILS

Air Tool Oils are designed to lubricate pneumatic (air) driven tools of all types. They possess extreme pressure characteristics for longer tool life under the most demanding conditions. They also contain

rust and oxidation additives for protection from moisture. The naturally high viscosity index provides protection for operating during cold temperatures as well as hot.

TYPICAL PROPERTIES	AIR TOOL LIGHT	AIR TOOL
Viscosity @ 40°C, cSt	20	62
Viscosity @ 100°C, cSt	4.0	8.0
Pour Point, °C	-53	-20
Flash Point, °C	90.5	193

LONG LIFE ANTIFREEZE

KEY FEATURES:

- Long Life Organic Carboxylate Inhibitor with Thermal Conductivity.
- Additives.
- Silicate, phosphate, borate and nitrate free formulation.
- Protects from all types of corrosion.
- Suitable for: Japanese, American, European and Australian (OEM's).
- 3 years 60,000km long life organic inhibitor.
- Better for the environment than traditional antifreeze products.
- Contains thermal polymers.
- Recommended where the following performance standards are cited: AS/NZ2108.1.1977, ASTM D3306, ASTM D4240, ASTM D1384, GM1825M, JISK2234 (LLC), JASOM325 (LLC).
- Designed and manufactured for New Zealand conditions to maximize anti-boil/antifreeze and corrosion resistance.

NEW ORGANIC TECHNOLOGY BENEFITS:

- Reduction of hot spots (critical metal temperatures).
- Knock reduction/improved octane tolerance by reducing operating temperatures.
- Reduction of overheat and after boil.
- Reduction of cylinder wall and pump cavitation corrosion.
- Reduction/elimination of corrosion to cooling system parts.
- Improved stability of engine operating temperatures.
- Elimination of head failure by better corrosion protection and cooling reduction.
- Compatible with conventional antifreeze. Dilution with conventional antifreeze or inhibitors will reduce extended life benefits.
- Improved water pump and seal life resulting from fewer dissolved solids.
- Increases water flow.



■ BRAKE FLUID (DOT.4)

Brake Fluid is recommended for complete fluid replacement and "top-up" in most cars and light trucks.

APPLICATIONS:

Meets the following specifications:

- SAE J1703, J1704.
- FMVSS No. 116 DOT 3 and DOT 4 Motor Vehicle Brake Fluid.

TYPICAL PROPERTIES

Appearance	Clear colorless to yellow liquid
ERBP, °c	257
Wet ERBP, °c	156
pH, (1:1 In 80 ML Ethanol + 20 ML Distilled Water)	8.9
Kinematic Viscosity @ 100°C, Cst	1.9
Kinematic Viscosity @ -40°C, Cst	1542

BENEFITS:

- Engineered to provide outstanding performance in today's high temperature braking systems.
- Unique Low Moisture Activity (LMA) formulation provides maximum wet boiling point protection against vapor lock brake failure when compared to leading brake fluids.
- Recommended for all anti-lock braking systems (ABS), hydraulic drum and disc braking systems and hydraulic clutches requiring DOT 3 or DOT 4 fluids.
- Provides superior fluidity at low temperatures for optimum braking response.

■ CLEANBURN (fleet fuel saver)

A liquid fuel catalyst that treats petrol (unleaded, leaded and low sulphur), diesel, bio-diesel, kerosene, bunker and heating oil.

MIXING RATIO:

Cleanburn is mixed in the ratio of 1:200 for all liquid hydrocarbon fuels: petrol, diesel, kerosene, bunker and heating oil and bio-diesel.

TYPICAL PROPERTIES

Boiling Point	300-450°C
Flashpoint	193°C
Viscosity @ 40°C	18.27 centistokes
Density @ 15°C	0.8623 kg/L

BENEFITS:

- Cleanburn burns the carbons that would normally cause carbon deposit build-up, therefore extending both your oil and engine life.
- Improved fuel economy.
- Reduced emissions.
- No detergents, no cetane enhancers, no octane boosters, no heavy metals.



■ COMPRESSOR OIL

Aegis Compressor Oil is a high performance ash less oil specially formulated to meet the demanding lubricant requirements of rotary and oil-flooded screw type compressors. This oil is formulated using high performance additive packages to reduce blockages in filters and oil/air separators.

APPLICATIONS: 50 68

For use in most compressors including Atlas Copco, Compare, Howden and Broomwade compressors. Where ISO-L-DAG or ISO-L-DAH oils are recommended. In most oil-flooded screw type compressors.

BENEFITS:

- Reduces filter blockages.
- Works to combat condensation.

■ MOULD RELEASE OIL

A low viscosity, general purpose mould release lubricant. Designed for concrete fabrication and clay moulding. Combines specifically selected oil and additives to enable form work to break cleanly from concrete and produce smooth surface. Widely used in manufacture of concrete panels, pavers, flagstones, railway sleepers, fence posts, lintels and pre-cast concrete sections.

BENEFITS:

- Provides corrosion protection for steel framework.
- Easily applied by spray.

■ POWER STEERING FLUID

Aegis Power Steering Fluid is formulated using high quality base stocks and selected additives. It provides protection in power steering systems of both foreign and domestic automobiles. It controls seal swelling and protects pump parts against wear while providing the proper friction co-efficient for proper system operation. Suitable for use in hydraulic power steering systems.

BENEFITS:

- Protects against wear.
- Provides controlled seal swelling properties.
- Protects rubber hoses.
- Resists foaming, oxidation, corrosion and rusting.

TYPICAL PROPERTIES

Colour	Red
Kinematic Viscosity @ 40°C, cSt	37.3
Kinematic Viscosity @ 100°C, cSt	7.1
Pour Point, °C	-40
Flash Point, °C	185



■ SLIDEWAY OIL (LATH OIL)

A general purpose Slideway machine oil. Formulated with anti-wear additives and tackifiers to reduce sling off. Suitable for use in slideways, lathes, machine tools and other types of equipment calling for a tacky, non-corrosive lubricant.

TYPICAL PROPERTIES

ISO Grade	68
Kinematic Viscosity @ 40°C, cSt	68
Kinematic Viscosity @ 100°C, cSt	8.6
Viscosity Index	97
Pour Point, °C	-12
Flash Point, °C	218

BENEFITS:

- Anti Corrosive.
- High level of protection with it's EP properties.
- Provides good anti-rust and storage protection.
- Good surface coating characteristics.

■ TOP CUT 33 (LATH OIL)

Top Cut 33 is a heavy, transparent, active, non-emulsifying, high additive EP cutting oil for use on ferrous metals, stainless and nickel/chrome steels..

TYPICAL PROPERTIES

I.S.O Grade	46
Kinematic Viscosity @ 40°C, mm ² /s	46 Typical
Flash Point, °C (PMCC)	215 Typical

NOTE:

Values stated herein are typical and do not represent a specification.

APPLICATIONS:

This product is mainly confined to uses where a high viscosity oil is required. Pipe threading by hand or machine are typical applications. Top Cut 33 can also be used on stainless and nickel/chrome steels. It is suitable for machining steels in various types of lathes – automatics, turrets and hand screw machines. Being high in additive it is generally used on heavy duty operations such as gear cutting, broaching, turning, threading and tapping.



■ QUICK CUT 111 PREMIUM CUTTING OIL (LATH OIL)

Quick Cut 111 Premium Neat Cutting Oil is a low viscosity, transparent, inactive type cutting oil recommended for high speed machining of free cutting steels and all non-ferrous metals. It is an excellent dual-purpose cutting and lubricating oil for higher speed machining of free cutting steels, brass, aluminium, copper, etc. in multiple spindle automatics.

TYPICAL PROPERTIES

I.S.O Grade	22
Kinematic Viscosity @ 40°C, mm ² /s	24 Typical
Flash Point, °C (PMCC)	190 Typical

NOTE:

Values stated herein are typical and do not represent a specification.

APPLICATIONS:

In many machine tools, particularly the larger multiple spindle automatics, the lubricating oil will frequently leak into the cutting oil, diluting it as much as 50%. The result is shorter tool life, poorer surface finishes, and general decline in machinery efficiency. The problem can be eliminated in many machines through the use of dual-purpose Quick Cut 111 which serves as both a machine lubricant and a cutting oil where a lower viscosity oil is required – for example, higher speed machining of free cutting steels, brass, aluminium, copper, etc. Also serves as a dual-purpose cutting and lubricating oil in smaller automatics, such as Index etc.

■ AEGIS MOTOR HONEY (ADDITIVE)

Aegis Motor Honey is an oil treatment which contains special detergents, dispersants, anti-oxidants and anti-wear ingredients. It is formulated to complement the additives already found in motor oils. Plus, a special viscosity index improver helps thicken the oil at high temperatures while maintaining smooth flow at lower temperatures. It also helps create a thicker oil film to fill gaps between worn parts.

Aegis Motor Honey should be used in moderate to high mileage engines, as it is formulated specifically to give extra protection against wear and will prolong the life of higher mileage engines.

Excessive exhaust smoking (blue smoke) can be caused by oil making its way between worn cylinder walls and piston rings, and burning in the combustion chamber. This is called "oil blow-by". Aegis Motor Honey helps reduce smoking by providing a thick oil film to help reduce motor oil blow-by. Aegis Motor Honey is fully compatible with both mineral and synthetic motor oils. Aegis Motor Honey, used at a 10% treatment rate, can be used in gear boxes, manual transmissions, wet clutches and differentials. Aegis Motor Honey is not recommended for use in Automatic Transmissions.



COOLCUT SOLUBLE THREADING & MACHINING OIL (LATH OIL)

Coolcut Soluble Threading and Machining Oil is a bio-stable multi-purpose EP Nitrite free emulsifiable metal working/cutting fluid containing a highly sophisticated system of extreme pressure additives, anti-foam, anti-rust and anti-bacterial agents which forms a stable milky white emulsion when added to water.

ANTI-FOAM EP ADDITIVE:

The anti-foam additive is a non-silicone, non-ionic, mineral hydrocarbon based foam control agent. Because of its chemical nature and resistance to "plating out", the additive produces long term stability both in the concentrate and the resultant fluids. The absence of silicone eliminates the possibility of "fish eyeing" in subsequent processes such as painting, anodising and powder coating.

EP ADDITIVE:

The EP additive is a chlorine based branched chain, near pure compound. The additive is not genotoxic, resulting in its acceptance by General Motors (International) for use in its plants.

NOTE: Values stated herein are typical and do not represent a specification.

APPLICATION:

Basically, water soluble emulsions are used in operations where the necessity for good cooling outweighs the need for lubrication. Other effects such as economy, corrosion inhibition, disposal of spent coolant, etc. must be considered and may have a decisive effect on the choice of cutting fluid.

An intrinsic characteristic of Coolcut Soluble Threading and Machining Oil is its inbuilt protection against bacteria. This is more effective and longer lasting than the proteos offered by added bactericides.

To product an homogeneous emulsion, Coolcut Soluble Threading and Machining Oil should always be added to water (with agitation). DO NOT add water to the oil.

MACHINING:

For general machining requirements a concentration of 1 part Coolcut added to 20 parts of water (5%) will give good results on free machining requirements. A concentration stronger than 1 part oil / 10 parts water (10%) is seldom necessary as performance is not significantly improved beyond this level, while detrimental effects such as foaming can be created.

GRINDING:

When used as a grinding fluid, Coolcut Soluble Threading and Machining Oil should not be used at a weaker concentration than 1 part oil / 50 parts water (2%). Weaker concentrations can significantly reduce the protection against corrosion. Conversely, stronger concentrations may result in clogging of grinding wheels and glazing of the work piece.

GENERAL RECOMMENDATIONS FOR USE	PARTS WATER : PARTS OIL
Machining.....	Mild Steel and Brass 20:1
	Medium Steel 15:1
	Hard Steel 10:1
	Aluminium 25:1
Grinding	50:1
Rolling (suggested as a starting point).....	10:1
Rust Protection	Because of its superior anti-corrosive properties, 40:1 solution of Coolcut Soluble Threading and Machining Oil can be used as a temporary rust protection for mild steels in inside storage for up to 4 weeks.



■ UPPER CYLINDER LUBE

- BENEFITS:**
- Burns the carbons that would normally cause carbon deposit build-up, therefore extending both your oil and engine life.
 - Improved fuel economy.
 - Reduced emissions.
 - No Detergents, No Cetane Enhancers, No Octane Boosters, No Heavy Metals.

■ LINSEED OIL

Boiled Linseed Oil dries quickly and reduces the possibility of a sticky finish. Treats wooden decks and wooden furniture.

■ FLUSHING OIL

Aegis engine flush is designed to flush the gunk out of high Km engines.

■ 10KG MULTI

10kg multi-coloured cotton rags.

■ ADBLUE PRODUCT

Adblue is an aqueous urea solution with the selective catalytic reduction technology (SCR) for heavy and light diesel vehicles to reduce emissions of oxides of nitrogen from the exhaust system.



CLEANEZY CLEANING PRODUCTS

■ ALL PURPOSE CLEANER

All-Purpose Cleaner is a specially formulated cleaner for the speedy and convenient removal of a wide range of contaminants such as oil, dirt, dust, grease, exhaust stains, ink and carbon deposits. It is safe to use on most surfaces, however

surfaces to be cleaned should be checked for colourfastness. All-Purpose Cleaner is a pink liquid, which can be used across a wide range of industries. It can be diluted and used to clean fabrics.

■ CARPET EXTRACTOR

Carpet Extractor is a specially formulated cleaner for the speedy and convenient removal of a wide range of contaminants such as oil, dirt, dust, grease, ink and light carbon deposits. It is safe to use on most carpets and can be used safely at recommended concentrations. However

always test on small inconspicuous area of carpet first. It is a clear, green liquid with a pleasant natural perfume. It does not harm surfaces such as glass or good paint work. The undiluted product could affect some plastic surfaces but not after dilution with water.

■ CONCENTRATED DISHWASHING LIQUID

Concentrated Dishwashing Liquid is a hand dishwashing detergent, specially formulated for general purpose use, and also for the food and hospitality industries. It is a highly concentrated detergent, with excellent cleaning abilities. It is suitable for use in hotels, motels, kitchens and fast food

outlets. It is a thick, high-foaming liquid. Yellow in colour, with a pleasant fragrance and is made from a powerful blend of premium grade detergents, grease cutters, and foam stabilisers, and is effective in hard or soft water. It cleans dishes, pots, pans, cutlery and glassware.

■ GLASS MAGIC

Glass Magic is a highly concentrated, non-streak glass cleaner. It is an excellent product for cleaning highly polished surfaces eg. Chrome, as it leaves no smears or streaks. A clear blue liquid with a slight

ammonia odour, it is non-toxic, non-flammable, mildly alkaline, and harmless to painted surfaces in good condition, fabrics etc. Glass Magic is highly concentrated and extremely economical.



■ LAUNDRY LIQUID

Laundry Liquid is designed for all water temperatures and is suitable for whites, colourfast cottons and polyester blends. It contains a blend of silicates, phosphates

and carbonates to ensure the complete removal of soils. It contains selected wetting agents for the removal of fat, oil etc.

■ NU-GUARD

Nu-Guard is a water based formulation, which is safe to use on most surfaces. Nu-Guard is non-toxic and non-flammable, and protects mist rubber, vinyl and plastic

surfaces. Use on car-interiors, tyres, luggage, furniture, sporting goods and kitchen bench tops etc. Nu-Guard is not suitable for use on floors.

■ SPRAY AND WIPE

Spray and Wipe hard surface cleaner will remove dirt, grease, stains and bacteria from non-porous surfaces such as kitchen bench-tops, tiles, glass and toilets. It is

pleasantly perfumed with a light citrus fragrance, and specially formulated to cut through grease and stubborn stains.



TRUCK WASH

Truck Wash is a blue liquid with specific application in the automotive and transport industries. Truck Wash is a Ph neutral, high foaming product, which speedily cleans without damaging or dulling vehicle paint

work. It contains no solvents, harsh alkali or salt. It is suitable for manual cleaning of vehicles or application through a high pressure spraying machine. CleanEzy Truck Wash is biodegradable.

WASH AND WAX

Wash and Wax is a green, viscous, liquid with specific application in the vehicle detailing industry. It is a neutral, high foaming product which speedily cleans, without streaking or damaging paint work, with a high grade carnauba wax for added

protection against the elements. Wash and Wax contains no solvents or harsh alkalis (such as caustic). It is suitable for manual cleaning of vehicle exteriors, or application through a high pressure spraying machine. This product is biodegradable.

WONDERSHINE

Wondershine is a solvent-based tyre and rubber dressing, designed for the use on external vehicle surfaces. It contains a high grade silicone, and will penetrate quickly into rubber surfaces. Upon drying, Wondershine

will render the surface black and shiny. The effects of Wondershine will last for an indefinite period, and will be prolonged by the avoidance of dust and moisture.

SPILLSORB OIL ABSORBENT

A modern powerful flexible absorbent of today, spill-Sorb meets the increasing demands from health and safety environmental requirements by ensuring spill

hazards on both wet and dry surfaces are cleanly and instantly cleared. This organic fibre is non toxic bio-degradable and self regenerating in its natural state.



■ KEROSENE

Kerosene is a low volatility, clear, colourless hydrocarbon liquid. This product is dyed blue-green (for ease of identification). Kerosene fuels are characterised by low volatility and moderately high flash points which make them difficult to ignite and burn cleanly without preheating.

CLEANING

Kerosene is sometimes used as a degreasing solvent for cleaning metal surfaces, however its low volatility means that it is slow to evaporate and tends to leave an "oily" film on the work piece.

BITUMEN SOLVENT

Kerosene is widely used as a cutback solvent for bitumen in road construction, to control the consistency of the bitumen during the sealing operation.

MAIN BENEFITS

Good solvency for a range of vegetable and mineral oil based products.

SPECIFICATIONS

Class	3C Flammable liquid
UN Number	1223
Packing Group	3
Flash Point	42°C
Hazchem Code	3Y

■ METHS

■ TURPS

■ WHITE SPIRITS



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