

Metal Working Fluids



Shell metalworking fluids are a range of water miscible cutting and grinding fluids that have been developed using the latest in biostable additive technology to give long fluid life and low maintenance.

Performance features of Shell Metalworking Fluids

- Exceptional resistance to bacterial and fungal growth
- Designed to be operator friendly
- Help maintain a clean working environment.

Industry applications

- Metalworking · General industry · Grinding
- Drilling · General manufacturing

Shell Adrana D208

Description	Shell Adrana D208 is a high quality, general-purpose metal working fluid for easy to medium duty applications on ferrous metals.
Applications	Shell Adrana D 208 is suitable for use in medium to severe machining operations on cast iron and steel alloys. Shell Adrana D 208 is also designed to be used on CNC machine tools and is suitable for all removal and grinding operations.

Shell Sitala D 3403

Description	Shell Sitala D 3403 is especially developed for medium to heavy duty machining operations on a broad range of aluminium alloys. Shell Sitala D 3403 is also suitable for all kind of machining operations on steel alloys.
Applications	Shell Sitala D 3403 is recommended for soft water conditions (<12°dH). Use in hard water conditions may lead to loss of detergency and formation of deposits. In this case the use of Reverse Osmosis/deionised water is recommended.

Shell Lubricool Green

Description	Fully Synthetic Biostable Grinding Fluid.
Applications	Shell Lubricool Green is designed for use on most ferrous and non ferrous materials, provides exceptional performance resulting in high quality surface finish over a wide variety of grinding applications and suitable for hard and soft water conditions.

Shell Dromus BL

Description	An advanced non-phenolic emulsifiable cutting oil containing a biocide. Shell Dromus BL forms a stable milky emulsion giving excellent anti-rust properties and long fluid life.
Applications	Recommended for most general machining processes such as drilling, milling and turning of most metals.

Shell Tonna S

Description	Shell Tonna S are machine tool and slideway lubricants, which are formulated using refined mineral oils with additives for excellent tackiness, anti-wear and low "stick-slip" tendencies.
Applications	All machine tables and slideways.
Viscosity	
Availability	68, 220

Hydraulic Oils - Shell Tellus

The most important component of any hydraulic system is the fluid it contains. Shell Tellus Oils are proven anti-wear performers; from the control of London's Tower Bridge and the London Eye to the lock gates on the Panama Canal, precision control on Boeing flight simulators to rubbish removal, Shell Tellus has you covered.

Performance features of Shell Tellus

- Superior anti wear performance – wear rates are approximately 1/10th of those obtained with other anti wear hydraulic oils
- Outstanding pump protection and performance
- Prolonged oil life
- Good thermal stability
- Rapid air release and low foaming

Industry applications

- General manufacturing
- Earth moving
- Mining
- Forestry



Shell Tellus Oil

Description	High quality anti-wear hydraulic oils which contain oxidation, anti-foam and corrosion inhibitors.
Applications	Suitable for most hydraulic applications such as machine tools, hydraulic presses and rams as well as earthmoving equipment. Shell Tellus Oil(s) are not suitable for equipment containing silver plated components with coated surfaces. Use Shell Tellus S instead.
Viscosity availability	22, 32, 46, 68, 100

Shell Tellus T

Description	Shear stable hydraulic oils with high viscosity indexes which also contain zinc. Shell Tellus T offers all the protection of Shell Tellus Oil but are specially formulated to be used in hydraulic equipment subject to temperature extremes.
Applications	Hydraulic power and control systems which are subject to the extremes of temperature.
Viscosity availability	15, 37, 46, 68, 100

Shell Tellus S

Description	Premium quality hydraulic oils which contain no zinc or chlorine additives. Shell Tellus S offers all the benefits of Shell Tellus Oil in addition to providing exceptional performance and long life in hydraulic systems which are subject to severe duty.
Applications	Hydraulic systems that are subject to severe duty and are critical to a plants operation. Shell Tellus S can be used in systems containing silver plated components.
Viscosity availability	32, 46, 68, 100

Industrial Gear Oils - Shell Omala



Shell Omala Oils can manage the loads generated in industrial situations with ease.

Performance features of Shell Omala

- High load carrying capacity
- Protection against rust, corrosion and chemical attack
- High oxidation and thermal stability
- Protection against deposits and sludge formation
- Low foaming tendency

Industry applications

- General manufacturing
- Earth moving
- Mining
- Metal working

Tiers

Omala HD - Premium

Omala - Regular

Shell Omala Oil

Description	Shell Omala Oils are a premium quality extreme pressure gear oil which are also lead free. They have high load carrying capacity and display good anti-friction characteristics. Shell Omala Oils also offer excellent water demulsibility, high corrosion protection, good oxidation and thermal stability.
Applications	Shell Omala Oils are suitable for all types of industrial enclosed gear assemblies and steel on bronze worm gears.
Viscosity availability	68, 100, 150, 220, 320, 460, 680, 800, 1000

Shell Omala HD (formerly Shell Hyperia S) (Top Tier)

Description	High performance, fully synthetic, extreme pressure industrial gear oils. Shell Omala HD oils display excellent stability at high temperatures and have high load carrying capacity. They are fully compatible with mineral oils and offer extended oil service intervals.
Applications	All types of industrial enclosed gear systems and those subject to extreme temperatures and heavy loads. Highly recommended for use in critical systems.
Viscosity availability	220, 320, 460, 680

Shell Omala F (Flender)

Description	Shell Omala F is a premium quality extreme pressure gear oil which are also lead free. Shell Omala F offers excellent oxidation, thermal stability and high resistance to micro-pitting. Shell Omala F is specially formulated for use in Flender gearboxes.
Applications	Shell Omala F is approved by Flender AG for use in Flender gearboxes. It is also suitable for use in all other types of enclosed industrial gear assemblies.
Viscosity availability	320, 460

Shell Tivela S

Description	Advanced synthetic heavy duty industrial gear oil formulated using specially selected polyalkylene glycol base fluids and additives. It offers outstanding lubricant performance under severe operating conditions, including improved energy efficiency, longer service life and resistance to micro-pitting.
Applications	Enclosed industrial reduction gear systems, worm gears, bearing and circulation systems, plain and rolling element bearings.
Viscosity availability	150, 220, 320

Compressor Oils - Shell Corena

Shell Corena oils are a range of high quality, high performance compressor oils for a range of different air compressors and compressor applications

Performance features of Shell Corena

- Very good rusting and wear protection · Very good oxidation resistance

Industry applications

- Compressor hire or manufacture · General manufacturing
- Mining Air Compressors · Construction Air Compressors

Tiers

- Shell Corena AS - High Shell Corena S - Regular
- Shell Corena AP - High Shell Corena P - Regular



Shell Corena S

Description	Shell Corena S is a premium quality lubricant that is based on a blend of selected solvent refined base oils and carefully chosen additives.
Applications	Shell Corena S is specifically developed for oil-flooded rotary sliding vane and screw compressors.
Viscosity availability	46, 68

Shell Corena AS (Top Tier)

Description	Shell Corena AS is a fully synthetic compressor oil which is intended for oil-flooded rotary air compressors which are operating at higher than normal temperatures.
Applications	Shell Corena AS is intended for oil-flooded rotary air compressors which are operating at higher than normal temperatures, equipment running under arduous conditions and ABB Turbochargers.
Viscosity availability	46, 68

Shell Corena P

Description	Shell Corena P is a premium quality reciprocating compressor lubricant. It is based upon a range of specially selected base oils to provide a level of performance approaching that of synthetic oils.
Applications	Shell Corena P is suitable for reciprocating air compressors and breathing air compressors.
Viscosity availability	68, 100, 150

Shell Corena AP (Top Tier)

Description	Shell Corena AP is an advanced fully synthetic reciprocating air compressor lubricant for industrial reciprocating compressors operating under higher than normal temperatures and severe duty.
Applications	All industrial reciprocating air compressors which are operating at high pressures (over 30 bar) and high temperatures.
Viscosity availability	68, 100

Shell Corena CH 46

Description	Shell Corena CH 46 is formulated using paraffinic base oils and additives which imparts anti-oxidation, anti-wear, anti-corrosion and anti-foam properties.
Applications	Shell Corena CH 46 has been developed specifically for the lubrication of oil flooded rotary sliding vane and screw air compressors.
Viscosity availability	46

General Greases for Industry

A grease is a lubricant which has a semi-liquid to solid consistency. A grease is made from oil which have been mixed with other ingredients to form a gel-like material. Greases have the advantage that they tend to stay where they are put!

Performance features of Shell Greases

· Good corrosion resistance · Good oxidation and mechanical stability · Reliable high temperature performance

Industry applications · Automotive · Road transport · Agriculture · General manufacturing · Mining · Construction

Shell Alvania EP (LF)

Description	Lithium based multi-purpose, lead free, extreme pressure grease with improved vibration resistance.
Applications	Suitable for ball and roller bearings, plain bearings and general grease applications.
NLGI Availability	0, 1, 2

Shell Alvania RL

Description	Shell Alvania RL are general purpose industrial greases based on a new lithium hydroxystearate soap thickener fortified with anti-oxidant, antiwear and anti-rust additives.
Applications	Suitable for use in electric motor bearings, generators, fans, alternators and pump bearings. Not suitable in extreme pressure applications.
NLGI Availability	2, 3

Other Shell Alvania Greases: Shell Alvania HDX and Shell Alvania SDX

Shell Albida EP

Description	High performance lithium complex, long life grease suited to high temperatures (max 150°C).
Applications	Suited to general industrial applications.
NLGI Availability	1, 2

Other Shell Albida Greases include: Shell Albida GC1, Shell Albida HD2, Shell Albida HDX2, Shell Albida MDX1 and Shell Albida MDX2

Shell Stamina EP

Description	Shell Stamina EP is a fully synthetic, high temperature (max 180°C) Polyurea long life grease.
Applications	Recommended for heavy-duty bearings subjected to high temperatures and extreme pressures.
NLGI Availability	2

Other Shell Stamina Greases: Shell Stamina HDS and Shell Stamina RL2

Shell Greases for Trucks and Cars

The Retinax range consists of automotive greases for virtually any kind of application, from highly specialized formulations for specific applications, to hard working general-purpose greases.

Shell Retinax EP

Description	Multi-purpose automotive grease with extreme pressure additives.
Applications	Suited to general chassis and bearing applications.
NLGI Availability	2, 3

Shell Retinax HD

Description	Premium automotive grease with excellent water resistance and good mechanical stability.
Applications	Suitable for both on-road and off-road greasing requirements.
NLGI Availability	2

Other Shell Retinax Greases: Shell Retinax LX, Shell Retinax HDX and Shell Retinax SD

Heavy Duty Diesel Engine Oils - Shell Rimula

The Shell Rimula family of heavy-duty diesel engine oils has been developed to provide you with exactly the right engine lubrication solutions to match the needs of your business – helping you control costs and increase profitability.

Performance features of Shell Rimula

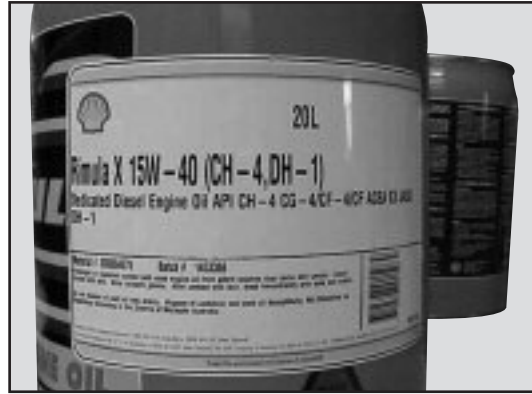
- Excellent engine cleanliness · Premium protection · High thermal stability and oxidation resistance

Industry applications

- Road transport · Earth moving · Mining · Construction · Agriculture

Tiers

- Shell Rimula Ultra - Premium
- Shell Rimula Super - High
- Shell Rimula X - Regular



Shell Rimula X

Description	Shell Rimula X is a high performance, dedicated heavy-duty engine lubricant designed for use in modern high speed turbocharged diesel engines. They use exclusive additive formulations in conjunction with highly refined base oils to deliver longer life and enhanced protection relative to their predecessors.
Applications	Shell Rimula X has been reformulated for severe duty service in engines specifically designed to meet Euro 3 on-highway exhaust emission standards (15W-40 only) as well as being suitable for a wide range of heavy-duty off-highway applications.
SAE availability	10W, 15W-40, 30, 40

Shell Rimula MV

Description	Shell Rimula MV is the latest technology diesel engine oil specially formulated to meet the ever more demanding needs of the high performance diesel engines found in off-highway applications such as construction mining and quarrying.
Applications	Shell Rimula MV is especially suited for use in Caterpillar, Cummins and MTU engines.
SAE availability	15W-40

Shell Rimula Super (High Tier)

Description	Shell Rimula Super has been formulated to meet needs of the latest low emission and high performance diesel engines, offering improved protection, longer oil life and improved compatibility with low-emission engine technology used in road transport, construction and other industries.
Applications	Suitable for severe duty heavy duty diesel engines, high technology low emission engines and exhaust after treatment compatibility.
SAE availability	15W-40

Shell Rimula Ultra (Premium Tier)

Description	Shell Rimula Ultra fully synthetic heavy-duty diesel engine oil delivers no compromise on durability and long oil life. The performance has now been extended to cover most of new Euro IV engine requirements as well as high severity European heavy-duty engines.
Applications	Shell Rimula Ultra offers outstanding performance in automotive high-speed heavy duty diesel engines built in Europe and particularly suited for use in DaimlerChrysler and MAN Euro III and Euro IV engines. Shell Rimula Ultra also meets the performance requirements of other European, American and Japanese makers such as Volvo, DAF, Scania, Iveco, Cummins and Mack. Not recommended for Caterpillar engines.
SAE availability	10W-40 also Shell Rimula Ultra XT 5W-40 (In Australia only)

Axle and Transmission Oils - Shell Spirax



The range of Shell Spirax oils are designed to suit the individual needs of your vehicle. They complement and enhance the performance and cost saving benefits that Shell Rimula heavyduty diesel oils and Shell Retinax greases are designed to provide.

Performance features of Shell Spirax

- Specially selected additives impart good anti-wear, anti-rust characteristics and oxidation stability
- Long oil drain capability

Industry applications

- Road transport · Earth moving · Mining · Construction · Agriculture

Tiers

- Shell Spirax AX - High
- Shell Spirax GX - High
- Shell Spirax A - Regular

Shell Spirax A

Description	Shell Spirax A is extreme pressure multi-purpose gear oil that is recommended for manual automotive gearboxes, differentials (except Limited Slips) and steering boxes. Shell Spirax A is available in both SAE 80W-90 and SAE 85W-140.
Applications	Suitable for automotive transmissions – Heavy duty hypoid axles. Other automotive transmission units operating under high speed/shock load, high speed/low torque and low speed/high torque conditions.
SAE availability	80W-90, 85W-140

Shell Spirax AX (Top Tier)

Description	Shell Spirax AX are long life axle oils designed to give new benefits based on improved levels of performance to meet the future requirements of drivelines. Specially optimised mineral base oils and new additive technology improve lubrication of the drive train and potentially extend oil drain intervals.
Applications	Suitable for automotive transmissions, for heavily loaded axle drives and non-synchronised transmissions.
SAE availability	80W-90, 85W-140

Shell Spirax GX

Description	Shell Spirax GX are long life gearbox oils designed to give new benefits based on improved levels of performance to meet the future requirements of gearboxes. Specially optimised mineral base oils and new additive technology improve lubrication of the drive train and potentially extend oil drain intervals.
Applications	Suitable for automotive transmissions and medium loaded drive axles requiring API GL-4 specification.
SAE availability	80W, 80W-90

Cleaning Detergents - Shell Dobatex

Shell Dobatex detergents are highly effective in the removal of dirt, grease and grime with specific grades to suit a wide range of industrial applications. All Shell Dobatex detergents are water-based, biodegradable and non-flammable, making them safer to use in your workplace.

Performance features of Shell Dobatex

- Excellent cleaning performance
- Neutral pH
- Contains corrosion inhibitors and therefore doesn't promote rust
- Suitable for work indoors and in confined areas

Industry applications

- General industry
- Road transport
- Mining
- Construction
- Agriculture
- Automotive



Shell Dobatex Gold

Description	Removal of a wide range of dirt, oils and greases in industrial and janitorial cleaning.
Applications	Shell Dobatex Gold is highly adaptable, and with varying dilutions and application methods it is effective and safe for truck fleets, cars and small commercial vehicles, fishing fleets and marine leisure craft, heavy and light mining equipment, machinery and engine degreasing and routine and janitorial cleaning purposes such as; flooring and commercial and home kitchens.

Shell Dobatex Truckwash

Description	A high performance detergent specifically formulated for all transport cleaning applications including trucks, buses, cars and trains.
Applications	Shell Dobatex Truckwash is specifically designed for truck fleets, buses, cars and small commercial vehicles; trains and trams; and automotive passenger cars

Shell Dobatex Aqua Degreaser (formally Dobatex Heavy Duty)

Description	Formulated specifically for the removal of oil and grease in demanding applications such as general engineering, mining and construction.
Applications	Shell Dobatex Aqua Degreaser has been designed for the effective removal of grease and oil/dirt residues from engineering parts and equipment, automotive workshops and parts cleaning, mining equipment, mechanical parts and factory and driveway floors where frequent oil stains may occur.

Shell Dobatex Platinum

Description	A premium performance phosphate-free detergent, which is suitable for a wide range of heavy duty cleaning applications.
Applications	Shell Dobatex Platinum is a premium performance detergent suitable for a wide range of cleaning requirements, including heavy and light mining equipment, heavy truck fleets and machinery and engine degreasing.

Shell Handcleaner

Description	Shell Handcleaner is an industrial strength hand cleaner containing polymer beads to assist in dirt removal from the skin.
Applications	It is free from petroleum solvents and its neutral pH makes it mild on hands.