

Shell Lubricants



**EFFICIENT PROTECTION WITH
OUR EXTENSIVE LUBRICANT RANGE.**

DESIGNED TO MEET CHALLENGES

SHELL OFFERS A WIDE RANGE OF PRODUCTS AND SERVICES DESIGNED TO PROVIDE OUTSTANDING PROTECTION, LONG LUBRICANT LIFE AND SYSTEM EFFICIENCY.



Stationary Engine Oil

Product Name	Description
Shell Argina S 40	High Performance Medium-speed Diesel Engine Oil
Shell Argina T 30	High Performance Medium-speed Diesel Engine Oil
Shell Argina T 40	High Performance Medium-speed Diesel Engine Oil
Shell Argina X 40	High Performance Medium-speed Diesel Engine Oil
Shell Argina XL 40	Very High Performance Medium-speed Diesel Engine Oil

Air Compressor Oil

Product Name	Description
Shell Corena S2 P 100	Reciprocating (Piston) Air Compressor Oil
Shell Corena S2 P 150	Reciprocating (Piston) Air Compressor Oil
Shell Corena S2 P 68	Reciprocating (Piston) Air Compressor Oil
Shell Corena S3 R 46	Premium Rotary Air Compressor Oil
Shell Corena S3 R 68	Premium Rotary Air Compressor Oil
Shell Corena S4 P 100	Advanced Synthetic Reciprocating (Piston) Air Compressor Oil
Shell Corena S4 P 68	Advanced Synthetic Reciprocating (Piston) Air Compressor Oil
Shell Corena S4 R 46	Advanced Synthetic Rotary Air Compressor Oil
Shell Corena S4 R 68	Advanced Synthetic Rotary Air Compressor Oil

Transformer Oil

Product Name	Description
Shell Diala S2 ZU-I Dried GT	Uninhibited Electrical Insulating Oil
Shell Diala S3 ZX-I Dried	Premium Inhibited Electrical Insulating Oil

Industrial Greases

Product Name	Description
Shell Gadus S2 A320 2	High Performance Multipurpose Extreme Pressure Grease
Shell Gadus S2 OG 40	High Performance Open Gear and Wirerope Grease
Shell Gadus S2 OG 80	High Performance Open Gear and Wirerope Grease
Shell Gadus S2 OGH 0/00	High Performance Open Gear and Wirerope Grease
Shell Gadus S2 U460L 2	High Performance Heavy Duty Grease
Shell Gadus S2 V100 2	High Performance Multipurpose Grease
Shell Gadus S2 V100 3	High Performance Multipurpose Grease
Shell Gadus S2 V220 0	High Performance Multipurpose Extreme Pressure Grease
Shell Gadus S2 V220 00	High Performance Multipurpose Extreme Pressure Semi-Fluid Grease
Shell Gadus S2 V220 1	High Performance Multipurpose Extreme Pressure Grease
Shell Gadus S2 V220 2	High Performance Multipurpose Extreme Pressure Grease
Shell Gadus S2 V220AD 2	High Performance Multipurpose Extreme Pressure Grease with Solids
Shell Gadus S3 T100 2	Premium Multipurpose Grease
Shell Gadus S3 T220 2	Premium Multipurpose Extreme Pressure Grease
Shell Gadus S3 V220C 2	Premium Multipurpose Extreme Pressure Grease
Shell Gadus S3 V460 2	Premium Multipurpose Heavy Duty Grease
Shell Gadus S3 V460D 2	Premium Multipurpose Heavy Duty Grease with Solids
Shell Gadus S5 T460 1.5	Advanced Multipurpose Heavy Duty Grease



Bearing & Circulating Oil

Product Name	Description
Shell Morlina S1 B 100	Industrial Bearing & Circulating Oils
Shell Morlina S1 B 150	Industrial Bearing & Circulating Oils
Shell Morlina S1 B 320	Industrial Bearing & Circulating Oils
Shell Morlina S2 B 100	Industrial Bearing & Circulating Oils
Shell Morlina S2 B 150	Industrial Bearing & Circulating Oils
Shell Morlina S2 B 220	Industrial Bearing & Circulating Oils
Shell Morlina S2 B 32	Industrial Bearing & Circulating Oils
Shell Morlina S2 B 320	Industrial Bearing & Circulating Oils
Shell Morlina S2 B 46	Industrial Bearing & Circulating Oils
Shell Morlina S2 B 68	Industrial Bearing & Circulating Oils
Shell Morlina S2 BA 100	Special Application Bearing & Circulating Oils
Shell Morlina S2 BL 10	Special Application Bearing & Circulating Oils
Shell Morlina S4 B 220	Advanced Industrial Bearing & Circulating Oils
Shell Morlina S4 B 320	Advanced Industrial Bearing & Circulating Oils

Gas Engine Oil

Product Name	Description
Shell Mysella S3 N 40	High Performance Low-ash Stationary Gas Engine Oil
Shell Mysella S5 N 40	Premium, Long Life, Low Ash Stationary Gas Engine Oil

Industrial Gear Oil

Product Name	Description
Shell Omala Oil F 220	Very High Performance Industrial Gear Oil
Shell Omala Oil F 320	Very High Performance Industrial Gear Oil
Shell Omala Oil F 460	Very High Performance Industrial Gear Oil
Shell Omala S1 W 460	Industrial Gear Oils
Shell Omala S2 G 100	Industrial Gear Oils
Shell Omala S2 G 150	Industrial Gear Oils
Shell Omala S2 G 220	Industrial Gear Oils
Shell Omala S2 G 320	Industrial Gear Oils
Shell Omala S2 G 460	Industrial Gear Oils
Shell Omala S2 G 68	Industrial Gear Oils
Shell Omala S2 G 680	Industrial Gear Oils
Shell Omala S4 GX 150	Advanced Synthetic Industrial Gear Oils
Shell Omala S4 GX 220	Advanced Synthetic Industrial Gear Oils
Shell Omala S4 GX 320	Advanced Synthetic Industrial Gear Oils
Shell Omala S4 GX 460	Advanced Synthetic Industrial Gear Oils
Shell Omala S4 WE 150	Advanced Synthetic Industrial Gear Oils
Shell Omala S4 WE 220	Advanced Synthetic Industrial Gear Oils
Shell Omala S4 WE 320	Advanced Synthetic Industrial Gear Oils
Shell Omala S4 WE 460	Advanced Synthetic Industrial Gear Oils



Refrigeration Oil

Product Name	Description
Shell Refrigeration Oil S2 FR-A 46	Refrigerator Compressor Lubricant
Shell Refrigeration Oil S2 FR-A 68	Refrigerator Compressor Lubricant
Shell Refrigeration Oil S4 FR-F 100	Advanced Synthetic Refrigerator Compressor Lubricant
Shell Refrigeration Oil S4 FR-F 32	Advanced Synthetic Refrigerator Compressor Lubricant
Shell Refrigeration Oil S4 FR-F 46	Advanced Synthetic Refrigerator Compressor Lubricant
Shell Refrigeration Oil S4 FR-F 68	Advanced Synthetic Refrigerator Compressor Lubricant
Shell Refrigeration Oil S4 FR-V 32	Advanced Synthetic Refrigerator Compressor Lubricant
Shell Refrigeration Oil S4 FR-V 46	Advanced Synthetic Refrigerator Compressor Lubricant
Shell Refrigeration Oil S4 FR-V 68	Advanced Synthetic Refrigerator Compressor Lubricant

Diesel Engine Oil

Product Name	Description
Shell Rimula R2 30	Tough, Long-Lasting Action - Monograde Heavy Duty Diesel Engine Oil
Shell Rimula R2 40	Tough, Long-Lasting Action - Monograde Heavy Duty Diesel Engine Oil
Shell Rimula R2 50	Tough, Long-Lasting Action - Monograde Heavy Duty Diesel Engine Oil
Shell Rimula R2 Extra 15W-40	Turbocharger Performance - Multigrade Heavy Duty Diesel Engine Oil
Shell Rimula R2 Extra 20W-50	Turbocharger Performance - Multigrade Heavy Duty Diesel Engine Oil
Shell Rimula R3 10W (CF)	Extra Performance - Monograde Heavy Duty Diesel Engine Oil
Shell Rimula R3 50	Extra Performance - Monograde Heavy Duty Diesel Engine Oil
Shell Rimula R3 Multi 10W-30	Triple Action - Multigrade Heavy Duty Diesel Engine Oil
Shell Rimula R3 X 20W-50	Triple Action - Multigrade Heavy Duty Diesel Engine Oil
Shell Rimula R3+ 30	Extra Performance - Monograde Heavy Duty Diesel Engine Oil
Shell Rimula R3+ 40	Extra Performance - Monograde Heavy Duty Diesel Engine Oil
Shell Rimula R4 X 15W-40	Heavy Duty Diesel Engine Oil
Shell Rimula R6 LM 10W-40	Low Emissions - Synthetic Heavy Duty Diesel Engine Oil
Shell Rimula R6 M 10W-40	Maintenance Saving - Fully Synthetic Heavy Duty Diesel Engine Oil

Axle, Transmission & Gear Oil

Product Name	Description
Shell Spirax S1 ATF TASA	Quality Type A Suffix A Automatic Transmission and Hydraulic Fluid
Shell Spirax S2 A 140	High quality, GL-5 axle oil
Shell Spirax S2 A 80W-90	High quality, GL-5 axle oil
Shell Spirax S2 A 85W-140	High quality, GL-5 axle oil
Shell Spirax S2 A 90	High quality, GL-5 axle oil
Shell Spirax S2 ATF D2	High Performance ATF, Power Steering and Hydraulic Oil On-Road Trucks and Cars
Shell Spirax S2 G 140	High Quality API GL-4 Oil for Manual Transmissions and Gear Sets
Shell Spirax S2 G 80W-90	High Quality API GL-4 Oil for Manual Transmissions and Gear Sets
Shell Spirax S2 G 90	High Quality API GL-4 Oil for Manual Transmissions and Gear Sets
Shell Spirax S3 AD 80W-90	High performance, GL-5 axle oil for Mercedes Benz
Shell Spirax S3 AM 80W-90	High performance, GL-5 axle oil for MAN, ZF, MACK and Scania
Shell Spirax S3 AS 80W-140	High performance, GL-5 axle oil for Scania and ZF
Shell Spirax S3 ATF MD3	High Performance Automatic Transmission Fluid in Many Applications
Shell Spirax S3 AX 80W-90	High performance, GL-5 axle oil for general applications
Shell Spirax S3 AX 85W-140	High performance, GL-5 axle oil for general applications
Shell Spirax S3 G 80W	High Performance Transmission and Gear Oil for Mercedes and other OEMs
Shell Spirax S3 TLV	Premium, Low Viscosity SAE 5W-30, Tractor Transmission and Hydraulic Oil



Shell Spirax S4 ATF HDX	Advanced Synthetic Technology Heavy Duty Automatic Transmission Fluid
Shell Spirax S4 CX 10W	High Performance Off-Highway Transmission and Hydraulic Oil for Many Applications
Shell Spirax S4 CX 30	High Performance Off-Highway Transmission and Hydraulic Oil for Many Applications
Shell Spirax S4 CX 50	High Performance Off-Highway Transmission and Hydraulic Oil for Many Applications
Shell Spirax S4 CX 60	High Performance Off-Highway Transmission and Hydraulic Oil for Many Applications
Shell Spirax S4 TXM	Premium, SAE 10W-30, Multi-functional Tractor Transmission and Hydraulic Oil
Shell Spirax S6 ATF VM	Premium Synthetic Technology Voith Long Drain Automatic Transmission Fluid
Shell Spirax S6 ATF ZM	Premium Heavy Duty Transmission Oil for ZF Long Drain
Shell Spirax S6 AXME 75W-90	Superior performance, synthetic, fuel efficient GL-5 axle oil for many premium applications

Industrial Hydraulic Oil

Product Name	Description
Shell Tellus S2 M 100	Industrial Hydraulic Fluid
Shell Tellus S2 M 22	Industrial Hydraulic Fluid
Shell Tellus S2 M 32	Industrial Hydraulic Fluid
Shell Tellus S2 M 46	Industrial Hydraulic Fluid
Shell Tellus S2 M 68	Industrial Hydraulic Fluid
Shell Tellus S2 MA 46	Industrial Detergent Hydraulic Fluid
Shell Tellus S2 V 100	Industrial Hydraulic Fluid for wide temperature range
Shell Tellus S2 V 15	Industrial Hydraulic Fluid for wide temperature range
Shell Tellus S2 V 22	Industrial Hydraulic Fluid for wide temperature range
Shell Tellus S2 V 32	Industrial Hydraulic Fluid for wide temperature range
Shell Tellus S2 V 46	Industrial Hydraulic Fluid for wide temperature range
Shell Tellus S2 V 68	Industrial Hydraulic Fluid for wide temperature range
Shell Tellus S3 M 32	Premium Zinc-Free Industrial Hydraulic Fluid
Shell Tellus S3 M 46	Premium Zinc-Free Industrial Hydraulic Fluid
Shell Tellus S3 M 68	Premium Zinc-Free Industrial Hydraulic Fluid
Shell Tellus S4 VX 32	Special Application Hydraulic Fluid

Slideway Oil

Product Name	Description
Shell Tonna S2 M 220	Machine Tool Slideway Oil
Shell Tonna S2 M 68	Machine Tool Slideway Oil

Turbine Oil

Product Name	Description
Shell Turbo Oil CC 46	Very High Performance Combine Cycle Turbine Oil
Shell Turbo Oil T 100	High Performance Steam Turbine Oil
Shell Turbo Oil T 32	High Performance Steam Turbine Oil
Shell Turbo Oil T 46	High Performance Steam Turbine Oil
Shell Turbo Oil T 68	High Performance Steam Turbine Oil

WHY SELECT SHELL SYNTHETIC LUBRICANTS?

Shell synthetic lubricants are a smart investment. The exceptional protection, long life and system efficiency that these products offer are proven to increase productivity in real applications, thereby ultimately helping to increase the profitability of your business.

Once, machinery was relatively simple and only mineral-based oils were available. These lubricants are complex mixtures of naturally occurring hydrocarbons, and may include unwanted and unstable compounds.

Today's equipment is precision engineered. Similarly, the synthetic base oils and additives used in Shell's advanced lubricants are made of newly created molecules, which are designed to meet demanding specifications. Their structure and properties are closely controlled to help to provide the superior performance and properties, such as extra-long oil life and reduced fluid friction, required to lubricate today's advanced industrial machinery efficiently.

WORLD-CLASS TECHNOLOGY WORKING FOR YOU

The Shell Group invests more in research and development than any other international oil company. It recruits leading scientists who work in world-class research and testing facilities in Asia, Europe and the USA, and in collaboration with equipment manufacturers to create some of the best-performing synthetic lubricant products.

Constant product innovation is not enough for Shell, which is why it has more on-the-ground experts working with customers than any other lubricants supplier. These people can help to design lubrication solutions that focus on your challenges and can work with you to demonstrate the value of using Shell synthetic lubricants in your facilities.



SHELL SYNTHETIC LUBRICANTS

PROTECTION LONG LIFE HIGH EFFICIENCY

INCREASED PRODUCTIVITY AND PROFITABILITY

PROTECTION FOR YOUR EQUIPMENT

Shell synthetic lubricants can help to safeguard your capital investment by protecting your equipment from wear and corrosion, even under the most severe conditions. Whether your compressors, gears, hydraulics or bearings operate at extremes of speed, load or temperature, or in wet and contaminated conditions, there is a Shell synthetic lubricant designed to meet your needs.

For instance, Shell Omala S4 GX synthetic industrial gear oil is designed to protect highly loaded gears operating at high temperatures, and provides up to 90% less bearing wear than the standard FAG test limits. That is why it is trusted for use in remote applications such as wind turbines, where equipment durability and reliability are critical for business success.

Shell Gadus S5 T460 advanced synthetic polyurea grease is another example offering exceptional protection in severe conditions. It is used in many challenging applications where non-synthetic greases would be inadequate, including for protecting heavily loaded bearings in the high-temperature, wet conditions of steel plants.



EXPERT SUPPORT

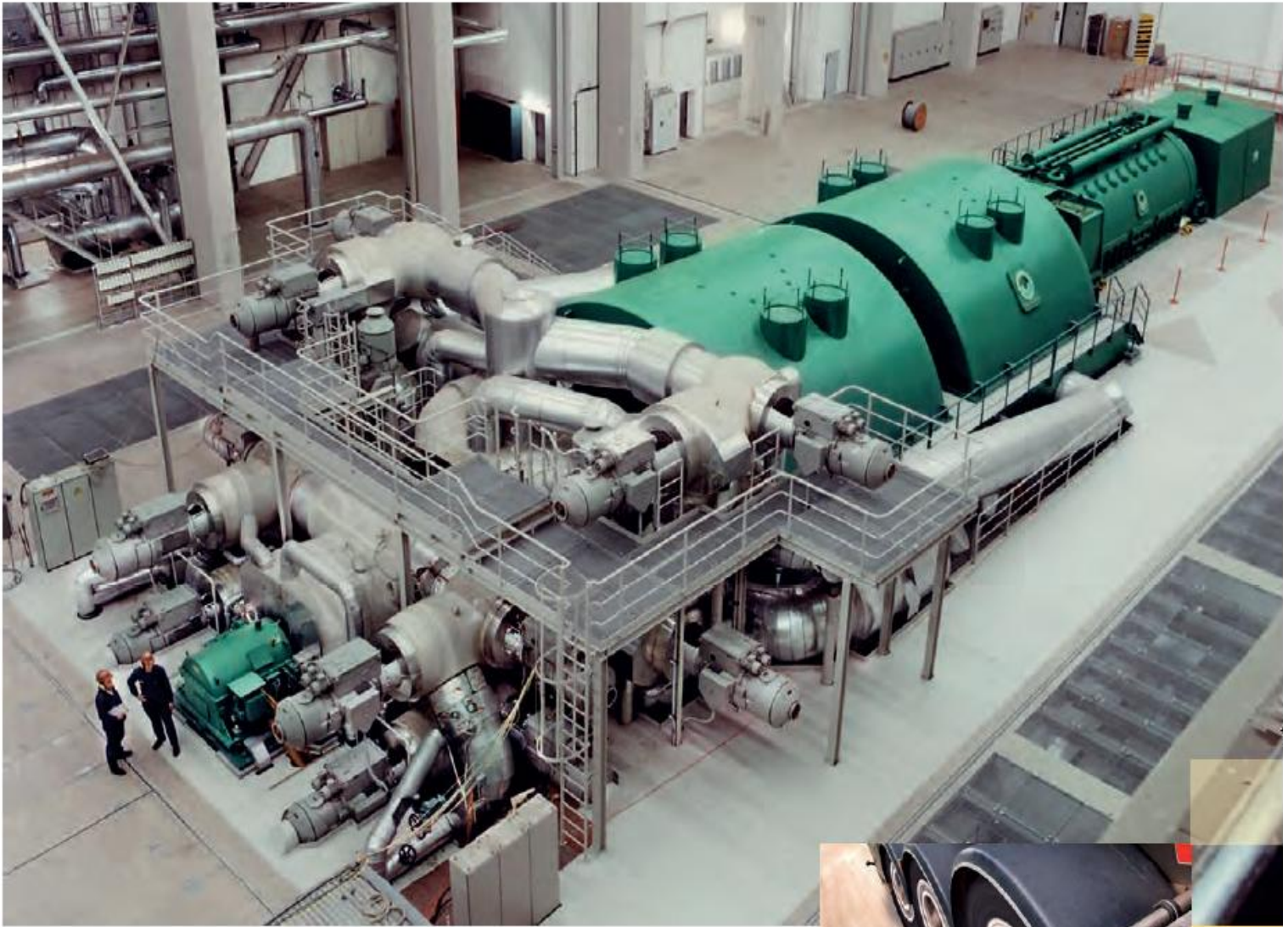
Shell synthetic lubricants can offer exceptional performance. To ensure that you get the maximum value from these products, Shell offers support from people who understand your industry, with over 350 lubrication specialists working in the field.

The Shell LubeAnalyst oil and equipment condition monitoring service is just one way that Shell can help to optimise your operations. This service is designed to enable you to get the maximum value from your synthetic lubricants by optimising the oil-drain interval for your equipment and operating conditions.

With support from Shell experts, one mining company rationalised the number of products it uses, including upgrading to Shell Omala S4 GX synthetic industrial gear oil for all its gearboxes. In the mine's two grinding mills, the new oil is helping to reduce the electricity consumption of the machines in which it is used by 2.1%, thereby doubling the oil-drain interval and reportedly saving over \$74,000² a year in energy and waste-oil-disposal costs.

SHELL SERVICES

The Shell range of lubricant services aims to help improve business performance by increasing operational efficiency and reducing maintenance costs. There are services offering easy product selection; expert lubricant advice; and equipment and lubricant condition monitoring to help cut maintenance costs.



Shell LubeAdvisor

The Shell LubeAdvisor specialist lubricant advice and technical support service is designed to ensure that you use the right Shell oil at the right time.

By improving lubrication and maintenance practices, this service can help to increase productivity and reduce downtime, thereby ultimately increasing profitability.

Shell LubeAnalyst

The Shell LubeAnalyst oil and equipment condition monitoring service can help to improve equipment reliability and cut maintenance costs.

Shell LubeAnalyst is a health check for your lubricants and machinery. It is an oil condition monitoring service that helps you to keep your business running smoothly by identifying potential oil or equipment failures before they become critical. It can help you to cut maintenance time and costs, and avoid potential lost production caused by equipment failures.



Shell LubeMatch

The Shell LubeMatch Web-based product recommendation tool offers expert lubrication suggestions for your vehicles and equipment. Whatever you drive or operate, the Shell LubeMatch website can give you easy access to vital lubrication data for any Shell product, including the quantities required and the oil-drain intervals.