Shell Lubricants is named the number-one finished lubricants supplier\(^2\) and has a 60-year history of innovation. It constantly invests to develop better lubrication solutions, including advanced synthetic technologies such as:

- **Shell Tellus S4 ME** synthetic hydraulic oil – for long life and energy saving
- **Shell Corena S4 R** air compressor oil – for up to 12,000 hours of protection.

In addition, Shell provides the excellent Shell LubeAnalyst oil condition monitoring service, which is designed to help improve your business performance.

Whatever your needs or application, Shell can provide a full range of oils and greases, including synthetic, high-performance products and additional services.

### Speciality gear oils

<table>
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<th>Product</th>
<th>Benefits</th>
<th>Technology</th>
<th>ISO viscosity grades</th>
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| Shell Omala S4 GX | - Extra protection  
- Extra life  
- Special applications | Synthetic (advanced extreme-pressure, EP system) | 150, 220, 320, 460 | Approved by or meets David Brown, GE (wind turbines), Gamesa and many other equipment manufacturers. Industry standards: ANSI/AGMA 9005-E02 (EP), ISO 12925-1:OXD, DIN 51517-3 (ICP), US Steel 224 |
| Shell Omala S4 V/FL | - Extra protection and life  
- Energy saving  
- Worm drives | Synthetic (polylolylene glycol) | 150, 220, 320, 460 | Approved by or meets Bonfiglioli, David Brown and many other equipment manufacturers. Industry standards: ANSI/AGMA 9005-E02 (EP), ISO 12925-1:OXE |
| Shell Omala S2 G | - Extra protection  
| Shell Omala S1 W | - Reliable protection  
- Worm drives | Conventional (compounded fatty oil) | 460 | Industry standards: AGMA 9005-E02 (ICP) |

**For more information, please contact**

shell.com/lubricants

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**FULL PRODUCT AND SERVICE PORTFOLIO**

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\(^{1}\)“Saving reported by one customer. Actual savings may vary, depending on the application, the current oil used, the maintenance procedures and the condition of the equipment.


For more information, please contact shell.com/lubricants
The Shell Omala range of industrial gear oils has been developed to enable equipment operators to select the oil that will deliver optimum value to their operations through enhanced wear protection, long oil life and high system efficiency.

WEAR PROTECTION
Protecting machine gears from wear and corrosion is important for prolonging asset life and preventing breakdowns. The Shell Omala range of industrial gear oils offers protection across a wide range of applications, from the extreme-pressure rolling contacts in spur gears to the sliding contacts in worm gears. It includes Shell's latest synthetic oils such as Shell Omala S4 GX, which offers exceptional long-life performance under extreme loads and temperatures.

OIL LIFE
The longer an oil's life, the less fluid maintenance your equipment requires, so it can continue to operate without interruption. The Shell Omala range enables you to match oil life to your operational needs. Customers using Shell's standard products, such as Shell Omala S2 G, are extending oil-drain intervals by up to 200% for some applications. Customers are trading up to synthetic oils, such as Shell Omala S4 GX, for even longer oil life and other benefits.

SYSTEM EFFICIENCY
Shell Omala oils can help to maintain or improve system efficiency by protecting against the impact of oil ageing and contamination for efficient lubrication. Advanced synthetic oils such as Shell Omala S4 GX, which offers exceptional long-life performance under extreme loads and temperatures, can offer additional benefits by providing improved energy efficiency compared with conventional oils.

A RANGE OF INDUSTRIAL GEAR OILS DESIGNED TO MEET YOUR NEEDS
To meet the challenges of a wide range of gear types and applications, Shell has designed a portfolio of oils that enables you to choose a product to best match your technical and operational needs.

THE SHELL OMALA “G” RANGE
Enclosed industrial spur and bevel gear applications from standard to demanding high-load and extended-duty applications

THE SHELL OMALA “W” RANGE
Industrial worm-drive applications from standard to demanding high-load and extended-duty applications

REAL-WORLD VALUE DELIVERY
Users of Shell Omala oils across a wide range of industries are benefitting from proven, robust and reliable lubrication that adds value to their operations. For instance, by switching to Shell Omala S4 GX, some customers are:
- increasing equipment protection: one customer reports virtually eliminating gearbox failures and saving over $50,000 a year
- extending oil-drain intervals: some equipment manufacturers approve Shell Omala S4 GX for four-year drain intervals, and some customers have extended their oil-drain intervals by up to five times
- enhancing operational efficiency: wind turbine operators have increased turbine availability by reducing shutdowns due to foaming, high temperatures and filter blocking.

PRODUCT NAME SUFFIX KEY
- E = Energy saving, high efficiency
- G = Gears – spur and helical
- W = Worm drive
- X = Extra/extreme performance

APPLICATION ICON KEY
- Factory/machine applications
- Enclosed gears
- Long life
- Worm gear

INCREASINGLY EFFICIENT PROTECTION
Shell Omala oils are developed in close cooperation with customers and equipment makers. The Shell Omala range is approved or listed by hundreds of equipment makers, and its performance has been demonstrated in real-life applications to help reduce the possibility of your equipment letting you down.

PERFORMANCE YOU CAN COUNT ON
Shell's industrial gear oils are developed to deliver optimised value to their operations through enhanced wear protection, long oil life and high system efficiency.