

# Shell Omala S2 G



- Extra protection
- Industrial applications



**DESIGNED TO MEET CHALLENGES**

Every part of your machine or process has been meticulously engineered, so you want to use a lubricant that has been designed to ensure that your equipment is well protected and works efficiently.

The Shell Omala range of gear oils has been developed to enable equipment operators to select the oil that will deliver optimum value to their operations through

- **wear protection**
- **long oil life**
- **system efficiency.**



## Performance at a glance

	Protection	Oil life	System efficiency
<b>Shell Omala S4 GX SYNTHETIC</b> ■ Extra protection ■ Extra long life ■ Special applications	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓
<b>Shell Omala S2 G</b> ■ Extra protection ■ Industrial applications	✓✓	✓✓✓	✓✓

Performance level is a relative indication only.

## SHELL'S LEADING INDUSTRIAL GEAR OIL

Shell Omala S2 G oil is formulated to provide extra protection and performance for industrial gears. Under extreme pressure conditions, it is an oil that you can rely on to provide long life, and to keep your gears working efficiently by offering good corrosion protection and water separation. It is widely recognised and approved by leading equipment manufacturers.

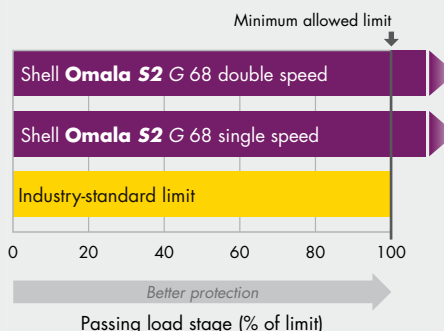
## DESIGNED TO PROTECT

Protecting gears from damage can help to increase service life and maximise your return on investment. Shell Omala S2 G can help to achieve this by

- **providing good performance in the four main wear tests:**

- *FZG load-carrying-capacity test (DIN 51534), which assesses resistance to scuffing*
- *FZG wear test (ASTM D4998), which assesses resistance to wear*
- *four-ball load-carrying test (IP 239), which assesses resistance to seizure*
- *FAG FE-8 test (DIN 51819), which assesses protection for rolling bearings*

- **exceeding FZG scuffing resistance test requirements even under severe, double-speed testing.**



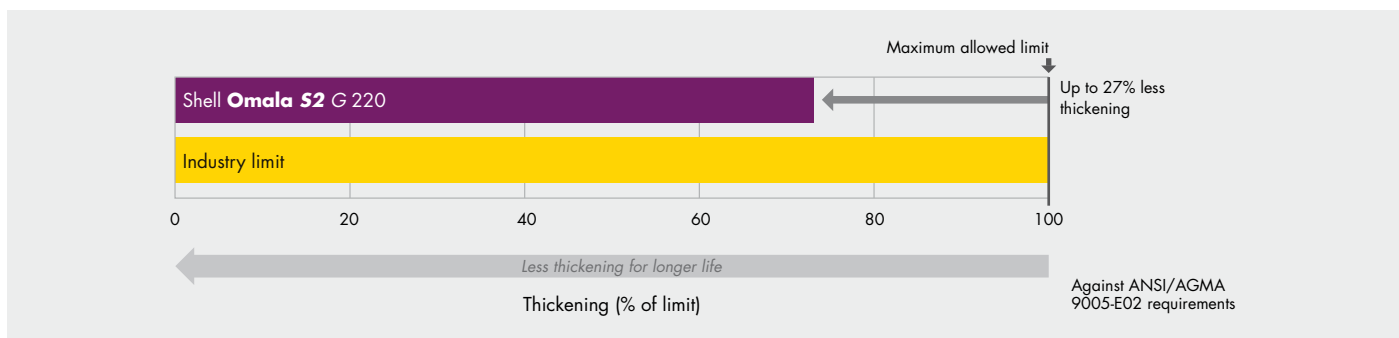
Against DIN 51517-3 load-carrying requirement

## DESIGNED FOR LONG OIL LIFE

Limiting fluid degradation can help to prolong oil life. Shell Omala S2 G is designed to help you operate for longer without interruption – for reduced maintenance requirements and enhanced productivity. In the industry-standard oil life test, Shell Omala S2 G achieved

### ■ up to 27% less thickening

than the maximum allowed after 312 hours at 121°C (ASTM D2893).

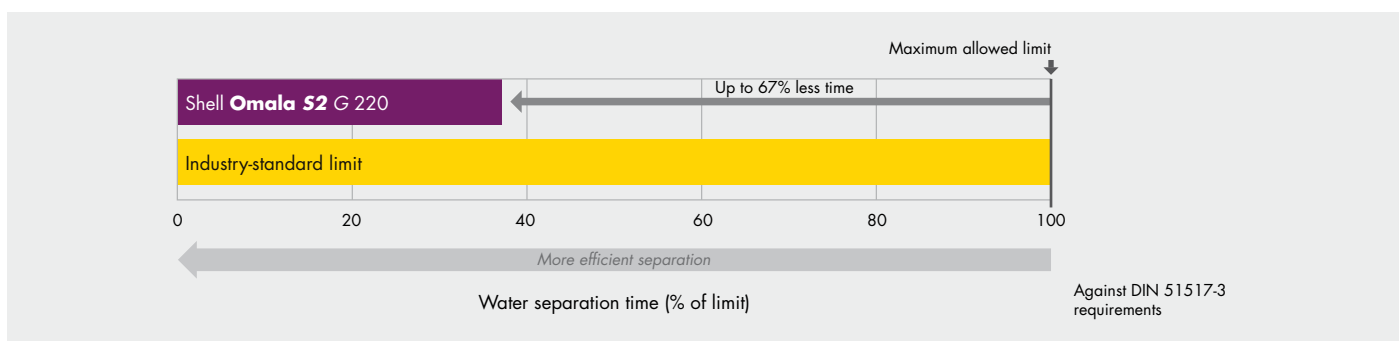


## DESIGNED FOR SYSTEM EFFICIENCY

A gear oil needs to protect and lubricate efficiently. Shell Omala S2 G is designed to increase productivity by helping equipment to meet or exceed its design capabilities under challenging conditions. It provides

### ■ up to 67% faster water separation

to help ensure efficient and constant lubrication.



## SPECIFICATIONS AND APPROVALS

Shell Omala S2 G meets the requirements of a wide range of industrial bodies and equipment manufacturers, and is available in viscosity grades from ISO 68 to 1000.

### Meets requirements

AGMA 9005-E02 (EP)

Cincinnati Machine P34, 35, 59, 63, 74, 76-78

David Brown S1.53.101, 102, 103, 104

DIN 51517-3 (CLP), except ISO 680-1000

ISO 12925-1, Type CKD, except ISO 680-1000

US Steel 224

## REAL-WORLD VALUE DELIVERY

Users of Shell Omala S2 G across a wide range of industries have benefited from the proven, robust and reliable lubrication that adds value to their operations. For instance, by switching to Shell Omala S2 G some customers have

- extended oil-drain intervals by 50–200% in industries ranging from cement to general manufacturing
- cut filter maintenance costs by 50% and reduced downtime associated with sludge formation
- increased operational efficiency by reducing gearbox operating temperatures, which has resulted in fewer emergency shutdowns related to overheating.

## FULL PRODUCT AND SERVICE PORTFOLIO

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

## APPLICATIONS



Enclosed industrial spur and bevel gearboxes – for excellent protection and performance in extreme-pressure and highly loaded gear systems



Bearings and other components – for circulating and splash-lubricated systems

For more information, please contact

[shell.com/lubricants](http://shell.com/lubricants)

