

GEAR OILS

THE SHELL OMALA* FAMILY

For decades, Shell has been a recognized leader in providing the highest quality products, keeping pace with advancements in technology and the ever-changing requirements of the lubricant products that keep your equipment running smoothly. When it comes to gear oils, you can't be too careful – you need a range of options to meet the exacting needs of your equipment. You can count on the Shell **Omala** family to provide outstanding long-life protection for all your gear components, backed by the Shell guarantee of quality.

Quality you can count on

The Shell **Omala** family has been fine-tuned by Shell's world class technical experts to be among the highest quality gear oils available. The carefully selected, optimized base stocks and additive systems in all three **Omala** oils are subject to Shell's stringent quality control procedures, ensuring consistent product quality is maintained.

When you choose Shell **Omala** gear oils, you are entrusting your equipment to an international brand that is recognized and approved by gear and bearing OEMs worldwide.

Protect your investment

Each performance feature of Shell **Omala** gear oils has been designed to contribute to extending the life of your equipment and improving the reliability of the oil-related factors in your unique operating environment. Whether your operation involves high or low temperature extremes, water ingress, high loads or extended running times, the Shell **Omala** family will meet all of your requirements.

The benefits for you

Using Shell **Omala** oils, you can expect to save time and money through:

- Extended oil drain intervals
- Improved productivity
- Lower disposal costs
- Reduced oil volumes, leading to lower maintenance and fluid costs
- Reduced down time



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Omala Oils extend the life of your equipment through excellent oxidation and thermal stability which allow the oil to withstand high thermal loading and resist the formation of sludge and other harmful products of oxidation. This contributes to improved system cleanliness, which helps extend gear and bearing lives.

Omala Oils demonstrate outstanding water separation performance, which ensures excess water can be drained easily from lubrication systems. Water can greatly accelerate surface fatigue on gears and bearings as well as promoting ferrous corrosion on internal surfaces. Water contamination should be removed as quickly as possible after the occurrence.

SHELL OMALA* OILS

High quality industrial gear and bearing oils

The backbone of the Shell Omala gear oil family, **Omala Oils** are high quality, lead-free, extreme pressure oils used primarily in heavy duty industrial gears. They are mineral oil EP gear oils, and the most cost-effective Omala oil available. Recommended applications for **Omala Oils** include:

- Steel gear transmissions
- Industrial gear drives where full EP performance is specified
- Bearing, circulating and splash-lubricated systems
- Indoor applications
- Operating conditions where temperatures are up to 90° C.
- Omala Oils **should not** be used for automotive hypoid gears

SHELL OMALA* OILS HD

High performance synthetic industrial gear and bearing oils

Omala Oils HD take the excellent performance of Omala Oils to a new level. Synthetic base fluids and enhanced additives extend lubricant life and ensure performance under extremes of temperature. **Omala Oils HD** are designed to work in applications where mineral oil EP gear oils don't last. Recommended applications include:

- Enclosed industrial reduction gear systems operating under severe conditions such as high loads, elevated temperatures and wide temperature variations

- "Lubricated-for-life" systems
- Applications where high micropitting resistance is crucial, i.e. Flender gearboxes
- Operating conditions with bulk temperatures up to 100° C (110° C in some applications)
- Applications where mineral oil based EP gear oils do not last
- Plain and rolling element bearings
- Oil circulation systems

SHELL OMALA* OILS RL

Premium quality synthetic industrial bearing and gear oils

Omala Oils RL are **NON-EP**, synthetic oils designed for the lubrication of light to moderately loaded bearings and gears operating in severe duty conditions. Low temperature start-ups and upper operating temperatures of 130° C are possible. Recommended applications include:

- Enclosed and lightly loaded industrial reduction gear systems subjected to severe operating conditions, such as high temperatures, wide temperature variations and long oil servicing intervals
- "Sealed-for-life" systems
- Moderately loaded plain or roller bearing systems
- Oil circulation systems
- Marine separators
- Worm gears, especially those exposed to very low temperatures
- Operating conditions with bulk temperatures up to 130° C

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