



The gear lubricant  
trusted worldwide

### Meets major OEM global specifications

In the Americas and in Europe, MEROPA gear lubricants have been formulated to meet the service requirements and specifications of:

US Steel 222 & 224  
DIN 51517/3 (CLP)  
ISO 12925-1 (CKD)  
AGMA 9005-E02  
Textron Power Transmission: ISO 68 (2E),  
ISO 100 (3E), ISO 150 (4E), ISO 220 (5E), ISO  
320 (6E), ISO 460 (7E), ISO 680 (8E), ISO  
1000 (9E). (David Brown ET 33/80).  
Cincinnati Machine (Milacron) P35, P59,  
P63, P74, P77 and P78.

### A name you can trust everywhere

Chevron, a recognized brand in the oil industry for over 100 years, designed MEROPA gear lubricants for a wide variety of industrial and manufacturing applications worldwide.

The proven performance of MEROPA gear lubricants through the years is one of the many reasons Chevron is a leading name in lubricants throughout the world. Truly, the gear lubricant trusted worldwide.

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A Chevron company product

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[www.ChevronLubricants.com](http://www.ChevronLubricants.com)  
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**MEROPA™**

The gear lubricant trusted worldwide

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Global Lubricants



Our Family of Brands

## MEROPA means worldwide reliability

As industry expands rapidly throughout the world, the need to keep equipment running reliably increases.

Being able to count on one brand of industrial oils for all your lubrication needs anywhere in the world can have a direct effect on your bottom line through increased production and costs savings.

That's why there's Chevron MEROPA – a standard in reliability around the world.

It is the gear lubricant you can depend on for consistency and exceptional performance, whether you have a single facility or a multinational operation.

MEROPA gear lubricants are specifically designed to meet the demanding requirements of today's production facilities, large and small. In stringent industrial field tests, MEROPA gear lubricants have been shown to reduce operating temperatures, power consumption, energy requirements, and failure rates in even the most severe operating environments.

With MEROPA, you can benefit from longer equipment life, less maintenance and downtime – the keys to staying competitive in today's global economy.

## The same consistent performance

With Chevron MEROPA gear lubricants you are assured of consistent, reliable performance to help maintain your equipment in peak operating conditions, wherever the location. Special additives not only improve extreme pressure and anti-wear properties, but also offer:

**High Thermal Stability** to maintain clean gear and bearing surfaces, minimize deposits that interfere with effective lubrication, and reduce the formation of oxidation byproducts that can be corrosive to bearing materials.

**High Oxidation Stability** to limit in-service viscosity increases that lead to energy loss. This same exceptional oxidation stability prevents oil mist deposits and minimizes stray mist when used in misting systems.

**Excellent Foam Control** to protect gear teeth in small reservoir systems through use of a unique low-foam additive. Foam will also dissipate readily under extreme conditions, such as violent agitation in the gear case.

**Superior Demulsibility** to prevent sludge formation and assure rapid water separation and removal, especially in circulating systems.

The unique combination of additives in MEROPA have been shown to offer the additional benefits of:

- Retention of Extreme Pressure Properties
- Contaminant Resistance
- Micro-Pitting Protection
- Extended Equipment Life
- Long-Term Rust and Corrosion Protection
- Excellent Filtration Properties
- Exceptional Load Carrying Capabilities
- Seal Compatibility

## Meets the requirements of today's equipment

MEROPA gear lubricants are premium quality, high-performance, multipurpose gear lubricants. They have been designed for a wide variety of industrial equipment, especially in applications where overloading, wet conditions and high operating temperatures are the everyday norm.



Typical applications include:

- Industrial enclosed gear systems, chain drives, sprockets, plain and anti-friction bearings, slide guides, flexible couplings, and wherever an AGMA extreme pressure lubricant is specified.
- Enclosed gear drives and speed reducers, ranging from fractional kilowatt gear motors to large, high-power units on metal rolling mills, cement mills, and mine hoists.
- Industrial hypoid-type gears and in transmission gear cases and worm-drive axles on automotive, construction and mining equipment.
- Mist-oil applications used in a wide variety of fields such as steel, aluminum, chemical, paper machine lubrication, machine tooling and material handling.



## Proven reliability

In test after test, MEROPA lubricants continue to prove themselves by meeting the demanding requirements of gear and equipment manufacturers.

### Benchmarking thermal stability and cleanliness



Competitor A



Competitor B



Competitor C



MEROPA

Test procedure: ASTM D2893 Modified (312 hrs. @121°C)

### Extended lifetime Low deposit forming and cleanliness



Conventional gear oil

MEROPA

Test procedure: ATSM L60 (25 hrs. @163°C)

### Demulsibility performance



MEROPA 320  
ASTM D 1401:  
15 Minutes

MEROPA 320  
Oxidized\*  
ASTM D 1401:  
18 Minutes

Reference Oil  
ASTM D 1401:  
>60 minutes

\*Test procedure: ASTM D2893 Modified (312 hrs. @121°C)



*MEROPA gear lubricants are... designed for the lubrication of a wide variety of industrial equipment.*

*...the gear lubricant you can depend on for consistency and exceptional performance, whether you have a single facility or a multi-national operation.*