



marine lubricants

# Meropa<sup>®</sup> Synthetic WM 320



## Description

Meropa<sup>®</sup> Synthetic WM 320 is formulated with synthetic hydrocarbons and a reliable sulphur-phosphorus Extreme Pressure additive package which is designed to minimize wear of enclosed industrial gears operated under heavy loads and shock conditions. It provides good foam resistance and water separating characteristics which make it ideal for circulating systems with incidental water contamination. The non-corrosive formula aims to protect gear and bear materials such as steel, copper, bronze, babbitt or cadmium-nickel. Meropa Synthetic WM 320 has good oxidative and thermal stability for long service life. The naturally high VI and low pour point provide improved performance and lower viscous drag losses at low operating temperatures compared to conventional industrial gear oils. It has been specially designed to provide high micro-pitting protection.

## Typical Characteristics

MPID	219956
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s	320.0
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s	35.4
Viscosity Index	156
Flash Point, °C	240
Pour point, °C (ASTM D97)	-48
Density, 15°C, Kg/l	0.85
FZG Damaged Load, A/8.3/90	>12

## Recommended Applications

Meropa Synthetic WM 320 is Chevron's primary recommendation for the lubrication of industrial gear systems. Meropa Synthetic WM 320 is recommended for the lubrication of heavily loaded enclosed industrial gear drives and reducers, spur, bevel, helical, worm and industrial hypoid gear cases, open pit and underground mining equipment, cement mills, ball mills, rolling mills, crushers, shakers, hoists, conveyors, kilns, winches, machine tools, skip lines and marine equipment. Meropa Synthetic WM 320 is successfully used for wind turbine applications.

### Meropa Synthetic WM 320 Is Approved For:

**Moventas** Wind Turbine Gearboxes

### Meropa Synthetic WM 320 Meets The Requirements Of:

**ANSI/AGMA** Standard 9005-E02-EP

**US Steel** Specification No. 224

**DIN** 51517/3 CLP



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**Performance Benefits****1. Minimizes Wear**

Extreme pressure properties to minimize wear.

**2. Long Service Life**

Oxidative and thermal stability promote long service life.

**3. Rust and Corrosion Protection**

Helps to protect against rust and corrosion.

**4. High and Low Operating Temperature**

Wide ambient operating temperature range due to the high VI and low pour point.

**5. Good Demulsibility**

Good demulsibility for rapid water separation.

**6. Foam Resistant**

Has foam resistant qualities.

**7. Micro-Pitting Protection**

High micro-pitting protection.



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