



# Meropa®

## Proven performance industrial gear lubricant

Product Data Sheet

### Product description

Meropa is a proven performance extreme pressure-type gear lubricant, formulated with highly refined mineral oils and robust sulphur-phosphorus additives.

Meropa is available in grades ISO VG 150, 220, 320, 460, 680, 1000, 3200.

### Customer benefits

- Extreme pressure additives contribute to component wear protection
- Robust oxidation and thermal stability help extend lubricant service life
- Additive system assists in protecting vulnerable components from rust and corrosion
- Good demulsification provides rapid water separation

### Applications

- Meropa lubricants are recommended for the lubrication of a wide variety of industrial and mobile equipment. Typical applications include enclosed gear systems, chain drives, sprockets, plain and anti-friction bearings, slide guides, and flexible couplings
- Recommended for 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
- Suitable for the lubrication of industrial hypoid-type gears and are also recommended for use in transmission gear cases and worm drive axles on automotive, construction and mining equipment
- Suitable for bath, splash and circulation application
- Recommended for mist systems used in a wide variety of fields such as steel, aluminium, chemical and paper lubrication, machine tool and materials handling equipment industries

### Product highlights:

- Extreme pressure protection
- Robust oxidation and thermal stability
- Rust and corrosion protection
- Rapid water separation
- Selected specification standards include:
  - DIN 51517/3 (CLP)
  - ISO 12925-1 (CKD)
  - US Steel 224
  - AGMA 9005-E02
  - Textron Power Transmission
  - Cincinnati Milacron
  - ANSI/AGMA 9005-E02 (EP)

### A Chevron company product

All trademarks are property owned by Chevron Africa-Pakistan Services (Proprietary) Limited or Chevron Intellectual Property LLC and licensed to Astron Energy Proprietary Limited.





- In addition, the lighter Meropa grades are suitable for mist lubrication systems where equipment such as Norgren and Alemite are employed
- Another specific application of Meropa is marine gearing like main propulsion, centrifuges and deck machinery such as winches, windlasses, cranes, turning gears, pumps, elevators and rudder carriers

## Approvals and performance specifications

### Performance specifications

Meropa meets:

- DIN 51517/3 (CLP)
- ISO 12925-1 (CKD)
- US Steel 224
- AGMA 9005-E02
- Textron Power Transmission: VG 150 (4E), VG 220 (5E), VG 320 (6E), VG 460 (7E), VG 680 (8E), VG 1000 (9E)
- Cincinnati Milacron P-35, P-59, P-63, P-74, P-77, P-78
- ANSI/AGMA 9005-E02 (EP)

## Typical test data

MEROPA		RESULTS			
TEST	TEST METHODS				
Viscosity Grade		150	220	320	460
Product Code		530401	530402	530403	530404
Viscosity Kinematic, 40 °C, mm <sup>2</sup> /s	ISO 3104	150	220	320	460
Viscosity Kinematic, 100 °C, mm <sup>2</sup> /s	ISO 3104	14.5	18.8	24	31.6
Viscosity Index	ISO 2909	95	96	97	100
Pour Point, °C	ISO 3016	-27	-21	-12	-15
FZG Damaged Load, A/8.3/90	DIN 51354	12	>12	>12	>12
FZG Damaged Load, A/16.6/90	DIN 51354	-	>12	>12	-
Former AGMA Lubricant Number	-	4EP	5EP	6EP	7EP



# Meropa®

Proven performance industrial gear lubricant

continued

## Typical test data

MEROPA TEST	TEST METHODS	RESULTS		
Viscosity Grade		680	1000	3200
Product Code		530405	530406	530408
Viscosity Kinematic, 40 °C, mm <sup>2</sup> /s	ISO 3104	680	1000	3200
Viscosity Kinematic, 100 °C, mm <sup>2</sup> /s	ISO 3104	37.5	47.4	-
Viscosity Index	ISO 2909	90	90	-
Pour Point, °C	ISO 3016	-15	-15	3
FZG Damaged Load, A/8.3/90	DIN 51354	>12	>12	>12
FZG Damaged Load, A/16.6/90	DIN 51354	-	-	-
Former AGMA Lubricant Number	-	8EP	8AEP	10EP

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

**Disclaimer** Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

**Health, safety, storage and environmental** Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

For more information, go to [www.chevronlubricants.com](http://www.chevronlubricants.com)

A Chevron company product

All trademarks are property owned by Chevron Africa-Pakistan Services (Proprietary) Limited or Chevron Intellectual Property LLC and licensed to Astron Energy Proprietary Limited.

MEROPA/SA/PDSv2\_07/06/2018

© 2018 Chevron Lubricants used under license. All rights reserved.