



# Meropa®

Proven performance extreme pressure  
industrial gear oil

Product Data Sheet

## Product description

Meropa are proven performance extreme pressure industrial gear oils, formulated with highly refined mineral base oils and sulphur-phosphorus additive technology.

Meropa lubricants are available in ISO VG 68, 100, 150, 220, 320 and 460 grades.

## Customer benefits

- Extreme pressure performance promotes system wear resistance and protection
- Oxidation and thermal stability contributes to long lubricant service life and equipment reliability
- Rust and corrosion resistance offers robust component protection and helps optimise system uptime
- Demulsification and rapid water separation performance offers reliable component protection

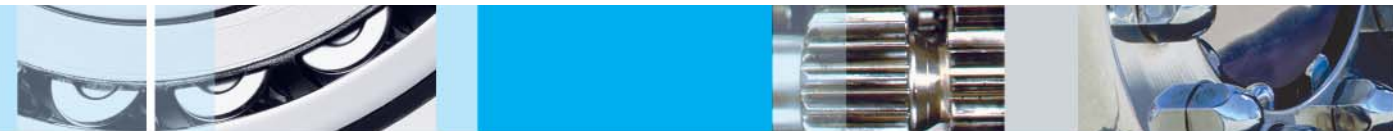
## Applications

- 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
- Meropa lubricants are particularly recommended for enclosed gear drives and speed reducers, ranging from fractional kilowatt gear motors to large, high power units in metal rolling mills, cement mills, and mine hoists
- Meropa lubricants are suitable for the lubrication of industrial hypoid-type gears and are also recommended for use in transmission gear case and worm drive axles on automotive, construction and mining equipment
- Meropa lubricants are suitable for bath, splash and circulation applications
- Meropa lubricants are recommended for mist systems used in a wide variety of fields such as steel, aluminium, chemical and paper machine lubrication systems, machine tools and materials handling equipment industries

## Product highlights:

- Extreme pressure performance
- Oxidation and thermal stability
- Rust and corrosion resistance
- Demulsification and rapid water separation
- Selected specification standards include:
  - AGMA
  - ANSI/AGMA
  - Cincinnati Milacron
  - DIN
  - ISO
  - Textron Power Transmission
  - US Steel

A Chevron company product



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

## Approvals and performance

### Performance

Meropa meets:

- DIN 51517/3 (CLP)
- ISO 12925-1 (CKD)
- US Steel 224
- AGMA 9005-E02
- Textron Power Transmission : 2E (VG 68), 3E (VG 100), 4E (VG 150), 5E (VG 220), 6E (VG 320), 7E (VG 460)
- Cincinnati Milacron P-35, P-59, P-63, P-74, P-77, P-78
- ANSI/AGMA 9005-E02(EP)



# Meropa<sup>®</sup>

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## Typical test data

MEROPA				
TEST	TEST METHODS	RESULTS		
Viscosity Grade		68	100	150
Product Code		530400	530409	530401
Base Oil Type	-	Mineral	Mineral	Mineral
Visc. Kinematic at 40°C, mm <sup>2</sup> /s	ISO 3104	68	100	150
Visc. Kinematic at 100°C, mm <sup>2</sup> /s	ISO 3104	8.6	11.2	14.5
Viscosity Index	ISO 2909	98	94	95
Flash Point, °C	ISO 2592	225	228	224
Pour Point, °C	ISO 3016	-18	-15	-15
Density, 15°C, Kg/l	ASTM D1298	0.882	0.887	0.894
FZG Damaged Load, A/8.3/90	DIN 51354	12	12	12
Former AGMA Lubricant Number	-	2EP	3EP	4EP

continued

## Typical test data

MEROPA				
TEST	TEST METHODS	RESULTS		
Viscosity Grade		220	320	460
Product Code		530402	530403	530404
Base Oil Type	-	Mineral	Mineral	Mineral
Visc. Kinematic at 40°C	ISO 3104	220	320	460
Visc. Kinematic at 100°C	ISO 3104	18.8	24	31.6
Visc. Index	ISO 2909	96	97	100
Flash Point, Deg C	ISO 2592	240	242	246
Pour Point, Deg C	ISO 3016	-15	-9	-9
Density, 15 Deg C, Kg/l	ASTM D1298	0.895	0.899	0.903
FZG Damaged Load, A/8.3/90	DIN 51354	>12	>12	>12
Former AGMA Lubricant Number	-	5EP	6EP	7EP

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by Chevron Lubricants; Africa, Middle East and Pakistan.

Environment, Health and Safety Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit [www.caltexoils.com](http://www.caltexoils.com).

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