Meropa®

Proven performance extreme pressure industrial gear oil

Product Data Sheet

Product description

Meropa are proven performance extreme pressure industrial gear oils. They combine a highly refined mineral base oil formulation with sulphur-phosphorus additive technology.

Meropa lubricants are available in ISO VG 100, 150, 220, 320, 460, 680, 1000 and 1500 grades.

Customer benefits

- Extreme pressure formulation contributes to system wear protection and performance
- Oxidation and thermal stability promotes long lubricant service life and optimised equipment uptime
- Rust and corrosion resistant formulation aids reliable component protection
- Demulsification and rapid water separation performance offers dependable gear 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 on 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

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

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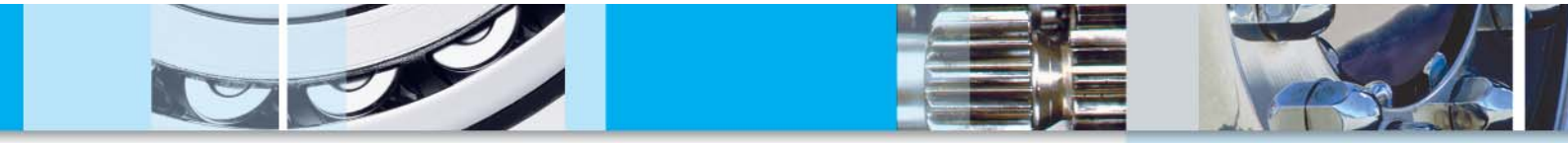
Our Family of Brands



- 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
- 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), 8E (VG 680), 9E (VG 1000)
- Cincinnati Milacron P-35, P-59, P-63, P-74, P-77, P-78
- ANSI/AGMA 9005-E02 (EP)

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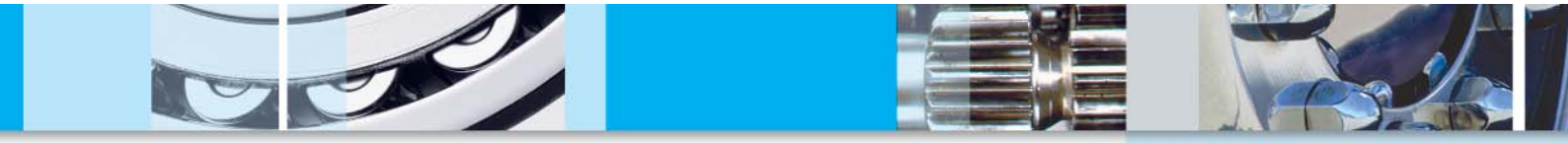
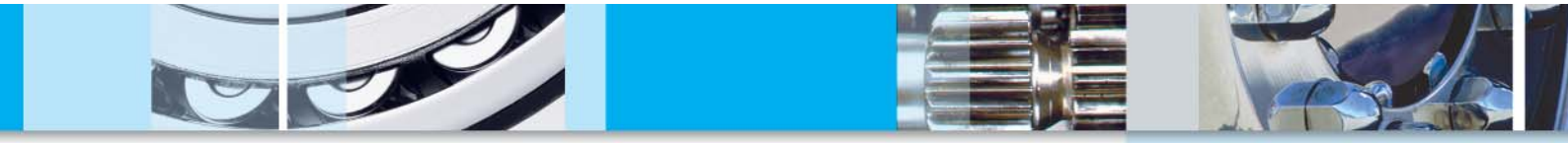


Typical test data

MEROPA TEST	TEST METHODS	RESULTS		
Viscosity Grade		100	150	220
Product Code		530409.8	530401.11	530402.6
Base Oil Type	-	Mineral	Mineral	Mineral
Visc. Kinematic at 40 °C, mm^2/s	ISO 3104	100	150	220
Visc. Kinematic at 100 °C, mm^2/s	ISO 3104	11.2	14.5	18.8
Viscosity Index	ISO 2909	94	95	96
Flash Point, °C	ISO 2592	228	224	240
Pour Point, °C	ISO 3016	-27	-27	-21
Density, 15 °C, Kg/l	ASTM D1298	0.887	0.894	0.895
FZG Damaged Load, A/8.3/90	DIN 51354	12	12	>12
Former AGMA lubricant nr	-	3EP	4EP	5EP



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Typical test data

MEROPA TEST	TEST METHODS	RESULTS		
Viscosity Grade		320	460	680
Product Code		530403.11	530404.9	530405.7
Base Oil Type	-	Mineral	Mineral	Mineral
Visc. Kinematic at 40 °C, mm^2/s	ISO 3104	320	460	680
Visc. Kinematic at 100 °C, mm^2/s	ISO 3104	24	31.6	37.5
Viscosity Index	ISO 2909	97	100	90
Flash Point, °C	ISO 2592	242	246	250
Pour Point, °C	ISO 3016	-12	-15	-15
Density, 15 °C, Kg/l	ASTM D1298	0.899	0.903	0.920
FZG Damaged Load, A/8.3/90	DIN 51354	>12	>12	>12
Former AGMA lubricant nr	-	6EP	7EP	8EP

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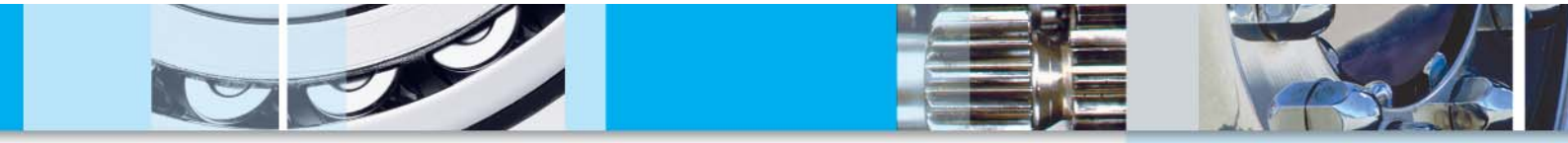

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Typical test data

MEROPA TEST	TEST METHODS	RESULTS	
Viscosity Grade		1000	1500
Product Code		530406.6	530407.6
Base Oil Type	-	Mineral	Mineral
Visc. Kinematic at 40 °C, mm^2/s	ISO 3104	1000	1500
Visc. Kinematic at 100 °C, mm^2/s	ISO 3104	47.4	59.0
Viscosity Index	ISO 2909	90	85
Flash Point, °C	ISO 2592	254	260
Pour Point, °C	ISO 3016	-15	-12
Density, 15 °C, Kg/l	ASTM D1298	0.934	0.931
FZG Damaged Load, A/8.3/90	DIN 51354	>12	>12
Former AGMA lubricant nr	-	8AEP	9EP

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.
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For more information, go to **www.chevronlubricants.com**

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