

FAMILY OF PRODUCTS // **MEROPA®**



**Protect your gearboxes
and protect your operation.**



Keep the heart of your operation healthy.

Gearboxes are critical to keeping your operation running. If they fail, your productivity is compromised. Yet, your gearboxes are constantly attacked by severe operating conditions and damaging contaminants, which can lead to downtime and even complete failures. We developed the Meropa® family of gear oils to help you fight back.

Meropa lubricants are formulated to provide the relentless protection needed to keep your gearboxes working hard and efficiently, under the heaviest loads and harshest conditions, in the most remote locations. Our gear oils help control corrosion, deposits, oxidation, foam, micropitting and excess heat. All of this protection helps minimize premature wear on gears, bearings and seals, so you can get more reliability, long life and high performance out of every gearbox. In short, we help your equipment and your operation Run Better Longer.



Meropa Family Comparison Chart

Performance attribute	TIER 1	TIER 2	TIER 3	SPECIALTY	
	Meropa EliteSyn™ XM	Meropa XL	Meropa	SYNTHETICS	
				Meropa EliteSyn WL	Meropa Synthetic WM
Micropitting Protection	✓ ✓ ✓	✓ ✓ ✓	✓	✓ ✓ ✓	✓ ✓
Bearing Wear Protection	✓ ✓ ✓	✓ ✓ ✓	✓ ✓	✓ ✓ ✓	✓ ✓
Long Lubricant Life	✓ ✓ ✓	✓ ✓	✓	✓ ✓ ✓	✓ ✓ ✓
OEM Approvals	✓ ✓	✓ ✓	✓	✓ ✓ ✓	✓
Extended Temperature Range	✓ ✓ ✓	✓ ✓	✓	✓ ✓ ✓	✓ ✓ ✓
Reduced Operating Temperature	✓ ✓ ✓	✓		✓ ✓ ✓	✓ ✓ ✓
Energy/Operational Efficiency	✓ ✓ ✓	✓			✓ ✓ ✓
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Meropa® EliteSyn™ XM

Performance Attribute

- Micropitting Protection
- Bearing Wear Protection
- Long Lubricant Life
- Extended Temperature Range
- Reduced Operating Temperature
- Energy/Operational Efficiency

OEM Approvals

- Siemens Ind. Gear Rev. 16

Meropa EliteSyn XM oils are premium, high performance synthetic gear oils, offering maximum efficiency, reduced operating temperatures, long lubricant life and robust micropitting wear protection.

They are designed for use in industrial and marine gear systems, where extreme load and shock load protection is required

Meropa EliteSyn XM enables the equipment manufacturers' desire for efficiency improvements in designing gearboxes that are smaller, lighter and more energy efficient.

Meropa XL

Performance Attribute

- Micropitting Protection
- Bearing Wear Protection
- Long Lubricant Life
- Extended Temperature Range
- Reduced Operating Temperature
- Energy/Operational Efficiency

OEM Approvals

- ANSI/AGMA EP 9005-E02
- DIN 51517/3 CLP
- Fives Cincinnati
- US Steel 224
- Siemens AG, Flender Gear Units,
- David Brown
- ISO 12925-1
- Joy Mining Machinery TO-MEP (ISO 220)
- Joy Mining Machinery TO-HEP (ISO 320)
- Joy Mining Machinery TO-HD (ISO 460)

Meropa XL gear oils are premium high-performance gear oils, offering long lubricant life, corrosion protection, excellent wear protection with high load carrying capacity and robust micropitting wear protection.

They are designed for use in industrial and marine gear systems, where extreme load and shock load protection is required.

Meropa XL gear oils are designed to help ensure optimal performance in today's smaller, lighter and more energy efficient industrial gear systems.

TIER 3

Meropa

Meropa gear lubricants are premium quality extreme pressure gear oils with excellent load carrying capacity, water demulsibility, oxidation stability and corrosion protection.

Meropa gear lubricants are high performance, multipurpose gear lubricants designed for many types of industrial gear lubrication services where loads and shock loadings are high.

Performance Attribute

- Bearing Wear Protection
- Long Lubricant Life
- Extended Temperature Range

OEM Approvals

- SMS Group SN (ISO 100-680)
- ZF TE-ML 04H (ISO 100-150)
- ZF TE-ML 04F (ISO 220)

SPECIALITY SYNTHETIC

Meropa EliteSyn WL

Meropa EliteSyn WL 680 is a premium high performance synthetic gear oil designed for use in GE electric wheel motors and other industrial gear boxes.

It offers high efficiency, reduced operating temperatures, long lubricant life and excellent micropitting wear protection. It is also designed to protect against extreme load and shock load protection.

Meropa EliteSyn WL delivers high efficiency improvements in modern gearboxes that are smaller, lighter and more energy efficient.

Performance Attribute

- Micropitting Protection
- Bearing Wear Protection
- Long Lubricant Life
- Extended Temperature Range
- Reduced Operating Temperature
- Energy/Operational Efficiency

OEM Approvals

- ANSI/AGMA 9005-F16-AS
- AIST (formerly US Steel) 224
- DIN 51517/3 CLP
- ISO 12925-1 CKC
- ISO 12925-1 CKD
- Siemens MD Rev. 15 (applied)
- Fives (Cincinnati Machine)
- GE D50E35
- David Brown S1.53.101 (5E)

Meropa Synthetic WM

Meropa Synthetic WM 320 is a gear lubricant for heavily-loaded enclosed gear drives in industrial applications and in wind turbines.

Meropa Synthetic WM's polyalphaolefin (PAO) base oil technology, combined with its advanced sulfur-phosphorus additive systems, delivers powerful extreme pressure protection. This maximizes wear resistance, including micropitting, in heavily-loaded, high shock load situations, promoting optimal equipment performance and service life.

Meropa Synthetic WM is highly resistant to oxidation and deposit formation, helping to maximize lubrication performance, system cleanliness and service life.

Performance Attribute

- Micropitting Protection
- Bearing Wear Protection
- Long Lubricant Life
- Extended Temperature Range
- Reduced Operating Temperature
- Energy/Operational Efficiency

OEM Approvals

- Moventas



To learn more, visit



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