MEROPA ELITESYN™ WL

320, 680

PRODUCT DESCRIPTION

Meropa EliteSyn™ WL 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.

CUSTOMER BENEFITS

Meropa EliteSyn WL delivers value through:

- **Energy efficiency** - advanced additive technology, resulting in less power consumption. Provides the opportunity for energy, equipment and productivity efficiencies.
- **Reduced operating temperatures** - synthetic base oils provide a lower coefficient of friction and can lower gearbox operating temperatures versus a mineral oil product.
- **Long lubricant life** - very high oxidation resistance promotes long drain intervals.
- **Wide temperature range** - extremely cold weather and high temperature protection that allows equipment operating temperature ranges from -40°C to 140°C, a far wider range than conventional gear oils.
- **Provides micropitting resistance** - Delivers high level of micropitting and wear protection with reduced maintenance and increased system uptime.

FEATURES

Meropa EliteSyn WL gear oil is formulated to be our ultimate offering that meets or exceeds many industry performance standards. It delivers high efficiency improvements in modern gearboxes that are smaller, lighter and more energy efficient.

The Meropa EliteSyn WL additive system is compatible with paint coatings and multiple types of seals to minimize the possibility of leaking seals and paint blistering on the inside of the gearbox. Competitor products with overaggressive chemistries can attack the paint coatings and cause filter plugging and lubricant loss.

APPLICATIONS

Meropa EliteSyn WL is recommended for:

- Industrial enclosed gearing where an AGMA EP lubricant is specified
- Bath, splash, circulating, or spray mist lubrication as applicable to the proper viscosity grade
- Mining haul truck electric wheel motors

Product(s) manufactured in the USA.
Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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CLAIMS AND SPECIFICATIONS

ISO Grade	320	680
AIST (formerly US Steel) 224	M	M
Allmineral Lube Chart	A	A
ANSI/AGMA 9005-F16-AS	M	M
Andritz Hydro	A	-
David Brown S1.53.101	M	M
DIN 51517/3 CLP	M	M
ISO 12925-1 CKC	M	M
ISO 12925-1 CKD	M	M
Fives Cincinnati[a] (formerly MAG Cincinnati, Cincinnati Machine, Cincinnati Milacron)	M	M
Flender Rev. 16.2 Helical-Bevel-Planetary Gear Units	A	A
General Electric D50E35	M	A
Pekrun WERKNORM N8053	A	A

a Obsolete specification

A: Approved for

M: Meets or exceeds requirements

CONTACT INFORMATION

You can contact Chevron Global Lubricants in the United States in several ways, depending on your question or requirement, please review the following options:

Chevron Headquarters

Chevron Corporation (Corporate Offices)
1400 Smith Street
Houston, TX 77002
United States

General Questions and Feedback

Chevron Information Center: 1-800-533-6571

USA Customer Service: 1-800-526-3013

LUBETEK technical staff: lubetek@chevron.com

To locate the Chevron Lubrication Marketer or agent nearest you, visit www.chevronlubricants.com, select an industry and click on "Marketer Locator" or call 1-800-822-5823.

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TYPICAL TEST DATA

ISO Grade	Test Method	320	680
Product Number		278104	275108
SDS Number *U.S.* *Canada* *Mexico*		 56834 56834 56834	 48630 48631 48632
AGMA Grade		6 EP	8 EP
Density at 15°C, Kg/L	ASTM D4052	0.8614	0.8647
Viscosity, Kinematic cSt at 40°C cSt at 100°C	ASTM D445	 320 34.6	 680 64.6
Viscosity Index	ASTM D2270	152	166
Flash Point, °C(°F)	ASTM D92	245 (473)	237 (459)
Pour Point, °C(°F)	ASTM D97	-45 (-49)	-40 (-40)
Rust Test	ASTM D665A ASTM D665B	Pass Pass	Pass Pass
Copper Corrosion 3h at 100°C	ASTM D130	1a	1b
Water separation, minutes to 3 mL emulsion @82°C	ASTM D1401	15	30
Four-Ball EP, Weld Load, kg Load Wear Index	ASTM D2783	 250 54	 250 54
FZG Scuffing, Fail Load Stage	A/8.3/90	> 14	> 14
FAG FE-8 Roller Bearing Test, Roller Weight Loss (mg)	DIN 51819-3	4	4
FZG Micropitting, fail load stage	FVA 54	10/High	10/High

Minor variations in product typical test data are to be expected in normal manufacturing.

Consult with your Chevron Lubricant Representative for your business application.

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