MOLYKOTE® Gearbox and Chain Oils

Features

- Lower overall maintenance costs
- Wider temperature range
- Longer oil-drain intervals
- Reduced lubricant consumption
- Extended equipment lifetime
- Reduced energy consumption
- Long life reduces lubricant usage, maintenance cost

Composition

- Various compositions making use of hydroprocessed mineral oil (MO), polyalphaolefin (PAO) and polyolester (POE), as well as tackifier as appropriate for a given applications

Description

MOLYKOTE® Gearbox and Chain Oils help prevent wear and process interruptions in power transmission systems and components. Compared to conventional oils, they also offer greater resistance to oxidation and stable performance at high temperatures and under high loads. MOLYKOTE® Gearbox and Chain Oils maximize fill intervals and maintain viscosity characteristics at wide temperature ranges.

How to use

Follow equipment manufacturer's recommendations for maintenance procedures and oil specifications.

To ensure the longest possible life for lubricating fluids, sample analysis is recommended. When utilized on a regular basis, sample analysis can track normal aging and depletion of additives in lubricating fluids. Sample analysis can identify abnormal contamination that may be limiting lubricant life. Contact MOLYKOTE® customer service for additional information.

Listing and specifications

MOLYKOTE® Gearbox and Chain Oils are kosher approved and conform to USDA listing requirements under H-1 or H-2 designations (see Typical Properties table). An H-1 designation indicates the lubricated part can have incidental food contact not to exceed 10 ppm. An H-2 designation indicates the lubricated part cannot have contact with food.

Typical properties

Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE® sales representative prior to writing specifications on this product.

MOLYKOTE® brand Product	NSF[1]	Viscosity@ 40°C, cSt	Viscosity@ 100°C, cSt	Viscosity@ 100°F, cSt	Viscosity@ 210°F, cSt	Viscosity Index	Flash Point, °F	Fire Point, °F	Pour Point, °C	AGMA[2] #	Density@ 20°C, g/mL	Density @ 20°C lb/gal	SAE #	Base Oil	Additive Package
Gear Oils															
L-0115FM Gear Oil - ISO 150	H-1	150	15.4	170.1	15.9	100	500	530	-18	4	0.86	7.16	80-90	MO	R&O/AW
L-1115FM Synthetic Gear Oil - ISO 150	H-1	149	17.4	167	17.8	129	510	560	-48	4	0.85	7.07	80-90	PAO	R&O/AW
L-1122FM Synthetic Gear Oil - ISO 220	H-1	217	24	243	24.7	127	500	550	-39	5	0.85	7.07	90	PAO	R&O/AW
L-1132FM Synthetic Gear Oil - ISO320	H-1	332	30.8	-	-	129	490	530	-39	-	0.85	-	-	PAO	R&O/AW
L-1146FM Synthetic Gear Oil - ISO 460	H-1	460	39.2	517.3	40.4	152	545	595	-36	7	0.852	7.09	140	PAO	R&O/AW
Chain Oils															
L-1468FM Synthetic Freezer Chain Oil - ISO 68	H-1	65.8	9.8	72.8	10	131	520	565	-54	-	0.83	6.91	30	PAO	R&O/AW T/PPD
L-1428 High Temperature Chain Oil	H-2	285	24	327	26	110	470	572	-15	-	0.94	7.82		POE/PB	R&O/AW

[1]The H-1 designation indicates the lubricated part can have incidental food contact not to exceed 10 ppm. The H-2 designation indicates the lubricated part cannot have contact with food.
[2]AGMA: American Gear Manufacturers Association.

Handling precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

Usable life and storage

MOLYKOTE® Gearbox and Chain Oils have a shelf life of 60 months from date of manufacture. Refer to product packaging for use-by date.

Packaging

These products are available in different standard container sizes. Detailed container size information should be obtained from your nearest MOLYKOTE® sales office or MOLYKOTE® distributor.

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Form No. 80-3025E-01 (11/20) AGP16261