

MOLYKOTE® Hydraulic 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 costs

Composition

- Hydrocracked mineral oil (MO) and polyalphaolefin/mineral oil (PAO/MO) based lubricants

Description

MOLYKOTE® Hydraulic Oils minimize formation of emulsions in contact with water due to the purity of the base fluid. They will generally perform successfully in hydraulic systems far longer than conventional hydraulic oils. Plants can gain significant savings from reduced oil consumption, reduced disposal cost, labor savings and fewer interruptions to production. These nontoxic oils are derived from hydrocracked or synthetic base stocks and can be used in systems designed for low-pour-point or high-flash-point mineral oils.

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® Hydraulic 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⁾	ISO Grade	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	Density@ 20°C, g/mL	Density @ 20°C, lb/gal	Base Oil	Additive Package
Hydraulic Oils														
L-0322 Hydraulic Oil	-	22	21.5	4.2	-	4.4	100	365	385	-21	0.852	-	MO	R&O/AW
L-0532FM Multi Purpose Light Oil	H-1	32	31.2	5.3	34.3	5.4	103	420	445	-18	0.857	7.13	MO	R&O/AW
L-0346 Hydraulic Oil	H-2	46	45	6.6	49.9	6.8	105	430	445	-21	0.864	7.19	MO	R&O/AW
L-0346FM Hydraulic Oil	H-1	46	44.5	6.6	49	6.7	100	425	440	-21	0.86	7.16	MO	R&O/AW
L-1346FM Synthetic Blend Hydraulic Oil	H-1	46	44.7	7.4	49.2	7.6	131	460	545	-42	0.832	7.11	PAO/MO	R&O/AW
L-1368FM Synthetic Blend Hydraulic Oil	H-1	68	68.2	10.3	75.6	10.5	138	470	565	-42	0.838	-	PAO/MO	R&O/AW
L-0368FM Hydraulic Oil	H-1	68	66	8.3	73.9	8.6	100	460	485	-15	0.867	7.22	MO	R&O/AW
L-0568 Multi Purpose Oil	H-2	68	68.5	9.2	76.3	9.4	110	450	480	-15	0.868	7.22	MO	R&O/AW
L-0510 Multi Purpose Oil	H-2	100	103	11.8	104	12.1	95	470	495	-15	0.876	7.29	MO	R&O/AW
L-0510FM Multi Purpose Oil	H-1	100	105.1	12	118.2	12.3	103	495	540	-15	0.866	7.21	MO	R&O/AW
L-1332FM Synthetic Hydraulic & Gear Oil	H-1	32	31.7	5.8	-	-	127	440	485	-42	0.834	-	PAO/MO	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.

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

Packaging

MOLYKOTE® Hydraulic Oils are available in 18.9 and 208.2 L (5 and 55 gal) containers.

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