

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

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

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-0115 Gear Oil - ISO 150	H-2	149.4	14.8	169.3	15.2	100	500	530	-18	4	0.86	7.16	80-90	MO	R&O/AW
L-0115FG 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-0122 Gear Oil - ISO 220	H-2	223	20.4	265.6	21	101	510	550	-18	5	0.86	7.16	90	MO	R&O/AW
L-0122FG Gear Oil - ISO 220	H-1	219.1	20	249.7	20.7	101	490	510	-21	5	0.86	7.16	90	MO	R&O/AW
L-0132 Gear Oil - ISO 320	H-2	312	31	349.5	31.6	134	460	515	-18	6	0.87	7.24	90-140	MO	R&O/AW
L-0146 Gear Oil - ISO 460	H-2	456.6	32.8	507.5	33.8	107	575	620	-18	7	0.87	7.24	140	MO	R&O/AW
L-0146FG Gear Oil - ISO 460	H-1	441.1	33.1	507.5	34.2	107	575	620	-18	7	0.88	7.32	140	MO	R&O/AW
L-1115 Synthetic Gear Oil - ISO 150	H-2	152	18	171	18	127	525	560	-48	4	0.87	7.24	80-90	PAO	R&O/AW
L-1115FG 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-1122 Synthetic Gear Oil - ISO 220	H-2	222	23	251.8	24	127	525	550	-39	5	0.87	7.24	90	PAO	R&O/AW
L-1122FG 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-1132 Synthetic Gear Oil - ISO 320	H-2	342.5	30.8	388.6	31.8	126	540	590	-39	6	0.85	7.07	90-140	PAO	R&O/AW
L-1132FG Synthetic Gear Oil - ISO320	H-1	332	30.8	-	-	129	490	530	-39	-	0.85	-	-	PAO	R&O/AW
L-1146 Synthetic Gear Oil - ISO 460	H-2	455.2	45.1	512.4	46.5	147	545	595	-36	7	0.852	7.09	140	PAO	R&O/AW
L-1146FG 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
L-0168 Gear Oil - ISO 680	H-2	659	42	764	43	105	485	555	-21	8	0.88	7.32	140	MO	R&O/AW
L-1168 Synthetic Gear Oil - ISO 680	H-2	674	48	772.1	51.2	128	505	580	-27	8	0.85	7.07	140	PAO	R&O/AW
Chain Oils															
L-0460FG Blend Chain Oil - ISO 68	H-1	66	8.3	73.9	8.6	100	465	480	-12	-	0.858	7.14	30	MO	R&O/AW T/PPD
L-1468FG 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	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.

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.

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

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

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