

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.

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 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 span for lubricating fluids, sample analysis is recommended. When utilized on a regular basis, sample analysis can track normal aging and depletion of antioxidants in lubricating fluids. Moreover, sample analysis can identify abnormal contamination that may be limiting lubricant life. Contact Dow Corning customer service for additional information.

LISTING AND SPECIFICATIONS

Molykote lubricating fluids 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. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. The material safety data sheet is available on the Dow Corning website at dowcorning.com. You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

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 lubricants are available in 18.9- and 208.2-L (5- and 55-gal) containers.

LIMITATIONS

These products are neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support Customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, dowcorning.com or consult your local Dow Corning representative.

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Molykote® brand Product	NSF	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#	Density@ 20°C, g/mL	Density @ 20°C lb/gal	SAE#	Base Oil	Additive Package
L-0115 Gear Oil-ISO 150	H-2 ³	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 ⁴	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 Oils¹															
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

¹Typical values; not for use in preparing specifications.

²AGMA is an acronym for American Gear Manufacturers Association.

³The H-2 designation indicates the lubricated part cannot have contact with food.

⁴The H-1 designation indicates the lubricated part can have incidental food contact not to exceed 10 ppm.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use.

Suggestions of use shall not be taken as inducements to infringe any patent.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

DOW CORNING SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

We help you invent the future.™

molykote.com