

High Performance Lubricants

Molykote[®] L-2110, L-2115, L-2122, L-2132, L-2146, L-2168 Synthetic Gear Oils

Full Synthetic Gear Oils for High Demanding Conditions

FEATURES

- Excellent thermal and oxidative stability
- Superior gear load carrying ability
- High mechanical shear resistance
- Good resistance to water washout
- Improved lubrication of gear box bearings
- Available in ISO viscosity grades from ISO VG 100 to 680

BENEFITS

- ◆ Excellent protection against micro-pitting
- ◆ Long equipment life
- ◆ Longer oil-drain intervals
- ◆ Reduced energy consumption
- ◆ Wider temperature range
- ◆ Lower overall maintenance cost
- ◆ Compatible to mineral oil based gear oils
- ◆ Does not contain lead or lead compounds

COMPOSITION

- ◆ Polyalphaolefin (PAO) Base Oil
- ◆ Sulfur-Phosphorous EP Additive
- Corrosion Inhibitor

APPLICATIONS

- ◆ Industrial gear units requiring an extreme pressure type of oil
- ◆ Formulated to meet or exceed requirements of industrial equipment such as spur gears, helical gears, bevel gears, and planetary gears
- ◆ Designed to address severe conditions where micro-pitting is a concern

DESCRIPTION

Molykote[®] L-2110, L-2115, L-2122, L-2132, L-2146, and L-2168 are high performance industrial fully synthetic gear oils, designed to provide optimum performance in high demanding applications. The products offer superior rust and corrosion inhibition and protection against micro-pitting. They provide excellent compatibility with internal coatings used in gearboxes.

The proven additive technology used in these products meets or exceeds the following standards:

- Flender
- DIN 51 517 Part 3
- ANSI/AGMA 9005
- U.S. Steel 224
- Cincinnati Millicron
- David Browne SL.53.101

HOW TO USE

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.

USABLE LIFE AND STORAGE

When stored in the original unopened containers, these products have a usable life of 60 months from the date of production.

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 Molykote website at www.molykote.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.

PACKAGING

These products are available in 18.9 liter pails and 208 liter drums.

LIMITATIONS

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

TYPICAL PROPERTIES

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

MOLYKOTE [®] brand product	Viscosity@40°C, cSt. ASTM D445	Viscosity@100°C, cSt. ASTM D445	Viscosity Index ASTM D2270	Flash Point, °C ASTM D92	Pour Point, °C ASTM D97	Density@15°C, kg/m ³ ASTM D1298	Water content, ppm ISO 3733	Demulsibility, ml/ml/ml (min) ASTM D1401	FZG: A/8.3/90 DIN 51 354-2
L-2110 Synthetic Gear Oil - ISO VG 100	107	13.7	130	238	< -50	0.840	< 500	40/40/0 (10)	> 12
L-2115 Synthetic Gear Oil - ISO VG 150	162	18.2	128	238	< -43	0.845	< 500	40/40/0 (10)	> 12
L-2122 Synthetic Gear Oil - ISO VG 220	224	24.4	136	238	< -40	0.851	< 500	40/40/0 (10)	> 12
L-2132 Synthetic Gear Oil - ISO VG 320	320	33.0	123	227	< -37	0.855	< 500	40/40/0 (10)	> 12
L-2146 Synthetic Gear Oil - ISO VG 460	467	38.8	122	232	< -35	0.859	< 500	40/40/0 (10)	> 12
L-2168 Synthetic Gear Oil - ISO VG 680	683	61.1	122	221	< -32	0.864	< 500	40/40/0 (10)	> 12

ASTM: American Society for Testing and Materials

ISO: International Standardisation Organisation

DIN: Deutsche Industrie Norm