



MOXIE L-MP

PRODUCT DESCRIPTION:

MOXIE L-MP is a versatile, general-purpose lubricating grease formulated with a lithium hydroxystearate soap thickener and premium-quality mineral base oil. It is enhanced with antioxidants, rust and corrosion inhibitors, and anti-wear additives, ensuring reliable performance. This grease is ideal for lubricating rolling element bearings, electric motor bearings, water pumps, and sealed-for-life bearings. MOXIE L-MP grades, including NLGI 1 and NLGI 2, are specifically designed for general industrial applications and can be used in centralized lubrication systems operating under normal temperature conditions.

APPLICATION

MOXIE L-MP is recommended for the lubrication of rolling-element bearings, electric motor bearings water pumps, and sealed-for-life bearings. These greases are designed for general industrial lubrication which can be used through centralized lubrication systems operating at normal temperatures.

PRODUCT ADVANTAGES

- The operating temperature range is -20°C to 130°C
- Good oxidation and mechanical stability
- Reliable high-temperature performance
- Long storage life
- Good rust and corrosion protection

TYPICAL PROPERTIES:

| PARAMETERS | TEST METHODS | TYPICAL VALUE | | | | | | | | | | |
|---|--------------|----------------------------|---------|---------|---------|---------|---------|--|--|--|--|--|
| NLGI Grade | - | 000 | 00 | 0 | 1 | 2 | 3 | | | | | |
| Thickener Type | - | Lithium 12-Hydroxystearate | | | | | | | | | | |
| Appearance | Visual | Smooth & Homogenous | | | | | | | | | | |
| Color | Visual | Yellow to Brown | | | | | | | | | | |
| Work Penetration @25°C | ASTM D217 | 445-475 | 400-430 | 355-385 | 310-340 | 265-295 | 220-250 | | | | | |
| Copper Strip Corrosion For 24hrs @100°C | ASTM D4048 | 1b max. | 1b max. | 1b max. | 1b max. | 1b max. | 1b max. | | | | | |
| Dropping Point °C, Min | ASTM D2265 | N/A | N/A | 190 | 190 | 190 | 190 | | | | | |
| Water Washout Resistance %Wt @79°C | ASTM D1264 | N/A | N/A | N/A | Max 10 | | | | | | | |
| Emcor Rust Preventive Test | ASTM D6138 | Pass | | | | | | | | | | |
| Operating Temperature Range, °C | INTERNAL | -20 to 130 | | | | | | | | | | |
| Base Oil Viscosity @40°C (Cst) | ASTM D445 | 90-110 | | | | | | | | | | |

DISCLAIMER: The test data presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internol reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at www.internol.net.

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.