



MOXIETECH L 100-M3

PRODUCT DESCRIPTION:

MOXIETECH L 100-M3 is a high-performance grease formulated with lithium 12-Hydroxystearate soap thickener and premium mineral base oil. It is enhanced with antioxidants, rust and corrosion inhibitors, extreme pressure, and anti-wear additives. Additionally, the inclusion of 3% molybdenum disulfide provides superior protection against wear and shock loads, making it ideal for applications subjected to heavy-duty and demanding operating conditions.

APPLICATIONS

MOXIETECH L 100-M3 grease is a multi-purpose grease suitable for a wide range of applications. It can be applied to lubrication points found on dozers, scrapers, earthmovers, cranes, shovels, rollers, combines, and cotton pickers. These lubrication points include most types of antifriction bearing arrangements from plain sleeve-types to rolling element bearings, as well as bushings and other sliding surface or pivot point.

PRODUCT ADVANTAGES

- The operating temperature range is from -20°C to 120°C
- The presence of moly provides additional protection against wear
- Excellent load-carrying capacity
- Good resistance against water
- Good mechanical stability
- Good corrosion protection

TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE	
NLGI Grade	-	2	3
Thickener Type	-	Lithium 12-Hydroxystearate	Lithium 12-Hydroxystearate
Appearance	Visual	Smooth & Homogenous	Smooth & Homogenous
Color	Visual	Dark gray	Dark gray
Work Penetration @25°C,	ASTM D217	265-295	220-250
Copper Strip Corrosion 24hrs @100°C	ASTM D4048	1b max.	1b max.
Dropping Point °C, Min	ASTM D2265	180	180
Water Washout Resistance %Wt. @79°C	ASTM D1264	max 10	max 10
Four Ball, Load Wear Scar, Mm	ASTM D2266	0.6	0.6
Four Ball Weld Load, Kgf, Min	ASTM D2596	200	200
Dry Lubricant	-	Molybdenum Disulfide	Molybdenum Disulfide
Operating Temperature Range, °C	INTERNAL	-20 to 120	
Base Oil Viscosity @40°C (Cst)	ASTM D445	90 -110	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.