



PRODUCT DATA SHEET

MOLYLITH

MOLYLITH is a multi-purpose grease fortified with solid lubricant and developed for automotive, industrial, construction, farming and mining industries.

MOLYLITH is optimized by a balance of quality mineral base oil, lithium complex thickener and additive technology including antioxidants, extreme pressure anti-wear and rust and corrosion inhibitors. The addition of molybdenum disulfide makes MOLYLITH a very effective grease for heavily loaded bearings under oscillating and sliding motion. MOLYLITH has high shear stability ensuring long service life. MOLYLITH's excellent resistance to mechanical shear combined with high film strength maintains grease consistency for extended lubrication service.

For passenger cars and commercial vehicles components include flexible joints, pivot pins, screw threads, splined shafts, fifth wheels, slides and cams.

PRODUCT BENEFITS:

- Excellent oxidation stability that provides long service life
- High level of water resistance to extend bearing life in wet environments.
- Effective rust and corrosion protection in severe environments
- Protects against shock loadings and prevents scuffing
- Excellent shear stability
- Versatile capability increases the ability to reduce product inventories.

TYPICAL PROPERTIES

NLGI	#2
Service Category	GC-LB
Thickener Type	Lithium Complex
Solids 3%	Molybdenum Disulphide
Colour	Dark Grey
Texture	Smooth, tacky
Worked penetration @ 25°C (dmm; after 60 strokes)	265-295
Difference in penetration (dmm)	20 max
Dropping point (°C)	260 min
Four Ball Weld Load (Kg)	450 min
Base oil Viscosity (cSt)	220
Operating temperature (°C)	-10 to 170

All reasonable care has been taken in the preparation of the advice and information contained herein and is correct at the time of preparation; no liability whatsoever is accepted for any loss or damage as a consequence of the use of such advice and information contained herein. Buyers should always determine the suitability of products for their particular purpose. The information provided is a guide to industry and is not necessarily manufacturing specification which varies from time to time.