

MOLYDUVAL

Long-Life LM 3 P



Longterm Heavy Duty Grease

Light colored high pressure grease for the long-term lubrication of rolling and sliding bearings under high loads. Based on high quality mineral oil in combination with lithium soap as thickener. Special additives give the grease wear-reducing properties and excellent corrosion protection. The product is water and water-resistant. Proven in many industrial applications and in automotive engineering, where highly loaded rolling and sliding bearings, such as cylindrical and tapered roller bearings are also used under axial thrust, e.g. rolling mill bearings, wheel bearings on construction machinery, crusher bearings, cardan shafts and plain bearings.

Characteristics

- soft and smooth
- long-time stable, effects long life-time and low cost
- relative good compatible with many usually used sealants
- very good water resistance
- good tackiness
- free of acids
- excellent oxidation stability

Applications

- for bearings in automotive
- for spindles
- for anti-friction bearings in paper production and textile industry
- for bearings in agriculture in mining equipment
- for bearings of excavators, agricultural and construction machines, cranes
- for anti-friction bearings in pumps
- for hooks, sleeve elements, rolls, joints, clutches
- for sleeve- and anti-friction bearings especially in humid surroundings or in danger of water flood

Technical Datas

Color		brown
Base Fluid		Min
Name		ISO-L-XCCEB3
Name		KP3N-30
Consistency Class NLGI		3
Density 15°C	kg/m ³	900
Temperature Range	°C	-30 -> +120
Temperature Range shortly up to	°C	150
Dropping Point	°C	180
Water Resistance Static	Grade	0
Wear Protection VKA welding load	N	2400
Corrosion Protection Emcor, WWO, distilled water	Grade	0
Corrosion Protection copper	Grade	1-100
Pack Size tube 100 g		+
Pack Size cartridge 400 g		+
Pack Size round box 1 kg		+
Pack Size pail 5 kg		+
Pack Size pail 18 kg		+

For further information, please see our website www.molyduval.com or consult your local representative.

The content of this manual is based on our current knowledge and experience in the development and manufacture of lubricants. Because of the complexity of tribological systems, the effect of our products depends on many parameters, which we cannot assess and which influence we cannot evaluate. For this reason general statements about the function of our products are not possible. The information in this manual, therefore, contains non-binding guidelines, which should give the technical trained reader information on possible applications. The information in this manual does not include property assurances or warranties or guarantees to the properties or suitability of this product in a specific application. Prior to its use it is absolutely necessary to test this product in the application to ensure that the product and its use is safe, economical and fully suitable. It should proceed with due diligence. We reserve the right to change the information in this manual at any time and without notice. All previous versions of this manual are no longer valid. Updating : 23.10.2024

MOLYDUVAL

Long-Life LM 3 P

Technical Datas

Pack Size drum 180 kg

+

Pack Size drum with inliner 180 kg

+

The indicated service temperatures are guide values depending on the lubricants composition and on the application. They may vary in case of special influences or ongoing use.

For further information, please see our website www.molyduval.com or consult your local representative.

The content of this manual is based on our current knowledge and experience in the development and manufacture of lubricants. Because of the complexity of tribological systems, the effect of our products depends on many parameters, which we cannot assess and which influence we cannot evaluate. For this reason general statements about the function of our products are not possible. The information in this manual, therefore, contains non-binding guidelines, which should give the technical trained reader information on possible applications. The information in this manual does not include property assurances or warranties or guarantees to the properties or suitability of this product in a specific application. Prior to its use it is absolutely necessary to test this product in the application to ensure that the product and its use is safe, economical and fully suitable. It should proceed with due diligence. We reserve the right to change the information in this manual at any time and without notice. All previous versions of this manual are no longer valid. Updating : 23.10.2024