

MOLYDUVAL

Mona-Lisa CLM 1 MHV



Safety High Pressure Grease With MoS2

A friction-reducing high pressure grease with MoS2 for heavy-duty lubrication points. It protects against friction and wear, it still keeps its smooth structure even in unfavourable working conditions. Oxidation- and corrosion protection additives guarantees long using times and reliable corrosion protection.

Molybdenum Disulphide provides extra protection against friction and wear. The MoS2 smooth surfaces and improves pressure load.

The lithium calcium thickener supposed with high viscosity base fluid offers tackiness, extreme pressure, and heavy duty performance.

Properties

- * good anticorrosive properties
- * reduces wear and friction
- * soft and smooth
- * long-time stable, effects long life-time and low cost
- * good walking resistance
- * very good tackiness
- * excellent extreme pressure ability
- * low danger of forming residues or carbon

Applications

- * for slidings, guidelines, joints at slow moves and high pressures
- * for homokinetic and similar joints
- * for high loaded sleeve - and anti-friction bearings especially at extreme pressures, oscillating moves
- * for bearings in agriculture in mining equipment
- * for cyclo gears
- * for heavy loaded open gears as in drives of ore mills, for drives of ball mills in mining industry

Technical Datas

Color		black
Consistency Class NLGI		1
Name		KPF1N-20
Base Fluid		Min
Name		ISO-L-XBCIB1
Density 15°C	kg/m ³	920
Viscosity Base Fluid, 40°C	mm ² /s	1000
Water Resistance Static	Grade	1-90
Temperature Range	°C	-20 -> +120
Temperature Range shortly up to	°C	130
Corrosion Protection copper	Grade	1
Dropping Point	°C	190
Wear Protection VKA welding load	N	6500

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.