

MOLYDUVAL

Long-Life CLM 2 HV



Water Resistant Long Term Grease

A multipurpose, high performance grease specially formulated for extreme pressure bearing applications operating under high load and low speed.

Manufactured using selected highly refined, high viscosity base oils, a special complex thickener, rust and oxidation inhibitors, and extreme pressure and tackiness additives.

This grease is especially suitable for medium to slow motion bearings even in humid surrounding.

Properties

- * good anticorrosive properties
- * strong tackiness
- * good water resistance
- * excellent extreme pressure ability
- * good resistant against cold and hot water, even sea water
- * extended drain intervals reduces oil disposal, thus increasing cost effectiveness
- * protects from wear
- * strong tackiness caused by very long molecules
- * holds back dust, sand, water and other pollution

Applications

- * for anti-friction bearings in paper production and textile industry
- * for bearings in waste presses
- * for screw and nut connection at aggressive conditions, acids or alkali solvents.
- * for high loaded sleeve - and anti-friction bearings especially at extreme pressures, oscillating moves
- * for bearings in agriculture in mining equipment
- * for bearings of excavators, agricultural and construction machines, cranes
- * for rolling and sleeve bearings nearby salt or sea water, f.e. in ships or at the port
- * for bearings in pumps for water, acid, alkaline solutions
- * for thrust bearings in mowing machines
- * for sleeve- and anti-friction bearings especially in humid surroundings or in danger of water flood
- * for bearings in washers
- * for linear guides at cranes

Technical Datas

Color		brown
Consistency Class NLGI		2
Name		KP2K-20
Base Fluid		Min
Name		ISO-L-XBCIB2
Density 15°C	kg/m ³	1000
Viscosity Base Fluid, 40°C	mm ² /s	1100
Oil Separation	%	< 3
Water Resistance Static	Grade	0-90
Temperature Range	°C	-20 -> +120
Temperature Range kurzzeitig bis	°C	130
Oxidation Resistance 100h 99°C	kPa	< 35
Dropping Point	°C	190

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.

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Technical Datas

Corrosion Protection Kupfer 24h 100°C	Note	1b
Lubricating Ability 02-SKF-R2F		pass
Wear Protection VKA Schweißkraft	N	5500
Corrosion Protection Emcor, WWO, distilled water	Grade	0-0
Corrosion Protection Emcor, WWO, Salt Water	Grade	2-3
Wear Protection VKA Verschleißtiefe 400N//1h	mm	0,7

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.

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