

# MOLYDUVAL

## Long-Life CLM 2 HV



### Longterm Heavy Duty 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 heavily loaded bearings in wet or humid environments.

### Characteristics

- good anticorrosive properties
- strong tackiness
- resistant to water
- excellent extreme pressure ability
- good resistant against cold and hot water, even sea water
- long usability due to good oxidative resistance
- 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
Base Fluid		Min
Name		ISO-L-XBCIB2
Name		KP2K-20
Consistency Class NLGI		2
Viscosity Base Fluid, 40°C	mm <sup>2</sup> /s	1100
Density 15°C	kg/m <sup>3</sup>	1000
Temperature Range	°C	-20 -> +120
Temperature Range shortly up to	°C	130
Oxidation resistance 100h 99°C	kPa	< 35
Dropping Point	°C	190
Lubricating Ability 02-SKF-R2F		pass
Oil Separation 18h 40°C	%	< 3

For further information, please see our website [www.molyduval.com](http://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 : 07.02.2025

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### Technical Datas

Water Resistance Static	Grade	0-90
Wear Protection VKA wear scar	mm	0,7
Wear Protection VKA welding load	N	5500
Corrosion Protection Emscor, WWO, distilled water	Grade	0-0
Corrosion Protection Emscor, WWO, Salt Water	Grade	2-3
Corrosion Protection Copper 24h 100°C	Note	1b
No Allergene		meets
Pack Size cartridge 400 g		+
Pack Size round box 1 kg		+
Pack Size pail 5 kg		+
Pack Size pail 18 kg		+
Pack Size pail 50 kg		+ > 150kg
Pack Size drum 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.*

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