

MOLYDUVAL

Long-Life BKM 2 HV



Very Water Resistant EP Grease

A light-colour heavy duty grease with exceptional water resistance for long time lubrication of roller and sleeve bearings. Produced in a special kind of manufacturing and so it is very long-time resistant and tacky. The special water and sea water resistance makes it suitable for a lot of applications at ships and nearby the coast.

High resistance to oxidation, superior anticorrosive capacity, good adherence to metal and good resistance to water, vapor, acid and alkaline solutions, etc., obtaining long durability with longer regreasing intervals resulting in less consumption.

Properties

- * good anticorrosive properties
- * long-time stable, effects long life-time and low cost
- * good resistant against cold and hot water, even sea water
- * good sealing properties
- * relative good compatible with many usually used sealants
- * very good water resistance
- * good tackiness
- * withstands many alcohols and acids
- * good resistant against effects of water

Applications

- * for anti-friction and sleeve bearings at high pressure and high temperature
- * for spindles
- * for anti-friction bearings in paper production and textile industry
- * for anti-friction and sleeve bearings in ventilators, bellows, pumps, ovens, at chains in chemical or paint plants.
- * for bearings in agriculture in mining equipment
- * for bearings of excavators, agricultural and construction machines, cranes
- * for bearings at funnels and weirs
- * for rolling and sleeve bearings nearby salt or sea water, f.e. in ships or at the port
- * for anti-friction bearings in pumps
- * for bearings in pumps for water, acid, alkaline solutions
- * for bearings in wood machines
- * for hooks, sleeve elements, rolls, joints, clutches
- * for sleeve- and anti-friction bearings especially in humid surroundings or in danger of water flood
- * Top and Bottom drawing roller bearing in draw frames

For further information, please see our website <https://www.solano-industries.com/en/>

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

Color		beige
Consistency Class NLGI		2
Name		KP2P-20
Base Fluid		Min
Thickener		BaK
Name		ISO-L-XBEIB2
Density 15°C	kg/m ³	910
Viscosity Base Fluid, 40°C	mm ² /s	220
Temperature Range	°C	-20 -> +160
Temperature Range shortly up to	°C	170
nd value n·d		350.000
Water Resistance 80°C	%	< 2,5
Dropping Point	°C	220
Corrosion Protection Copper 24h 100°C	Note	1b
Wear Protection VKA welding load	N	3500
Corrosion Protection Emcor, WWO, distilled water	Grade	0
Corrosion Protection Emcor, WWO, Salt Water	Grade	2
Utility Time 02-A/1500/6000-120	h	> 100
Oil Separation 168h (7d) 40°C	%	< 3,5

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.

The indicated speed factors are guide values which depend on the type and diameter of the bearing and the local operating conditions, which is why they have to be confirmed in tests carried out by the user in each individual case.

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