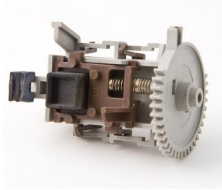


MOLYDUVAL

Polypan LKA 2



Synthetic Wide Range Grease

Well plastic-compatible, synthetic special lubricating grease for roller and plain bearings, small gears and spindles in special applications. Excellent compatibility with many plastics and elastomers.

Characteristics

- good anticorrosive properties
- water refusing
- good pressure absorption capacity
- strong tackiness
- extreme frost resistant
- low danger of forming residues or carbon
- relative good compatible with many usually used sealants
- low starting torque
- compatible with many seals and plastics
- relative good compatible with following pastics: PA, PE, PET, POM, PP, PPO, PPS, PS, PTFE, PUR, PVC

Applications

- for fittings, for example cocks and plugs
- for anti-friction and sleeve bearings at low or changing temperatures
- for hinges, joints, rails, guidelines
- for small gear units in medicinal or pharmaceutical equipment
- for lubrication of small gears at high speed
- for joints in instruments
- for door and similar locking systems
- for small roller bearings with high turns
- for plain bearings in precision engineering, music and household equipment
- for plastic bearings and gears in sanitary
- for the lubrication of mechanisms with metal-elastomer and/or thermoplastics contacts such as brake systems

Technical Datas

Color		beige
Base Fluid		PAO
Name		ISO-L-XDEHB2
Name		KPHC2P-40
Consistency Class NLGI		2
Viscosity Base Fluid, 40°C	mm ² /s	100
Density 15°C	kg/m ³	910
Temperature Range	°C	-40 -> +160
Temperature Range shortly up to	°C	180
Dropping Point	°C	260
Lubricating Ability 02-SKF-R2F 160°C		pass
Lubricating Ability 02-SKF-R2F 160°C		pass
Water Resistance Static	Grade	0-90
Corrosion Protection Emcor, WWO, distilled water	Grade	0/0
Corrosion Protection copper	Grade	1 b
Pack Size cartridge 400 g		+

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 : 31.10.2024

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Polypan LKA 2

Technical Datas

Pack Size round box 1 kg	+
Pack Size pail 5 kg	+
Pack Size pail 18 kg	+
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.
Elastomer qualities behave differently. A general compatibility with certain elastomers can therefore not be assumed and must always be examined in the individual application.*

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