

# MOLYDUVAL

## Pegasus LKA 2 PMV



### Synthetic High Temperature Grease

A light coloured, synthetic high temperature grease for the long-term lubrication with high temperatures. Very good water resistance and good corrosion protection, may be used in humid or damp environment up to very high temperatures. The good oxidation resistance and the use of thermic stable PAO base fluids withstand short highest temperature peaks, the grease life will then however reduced and it must be relubricated more often.

#### Properties

- \* good anticorrosive properties
- \* high temperature resistance
- \* strong tackiness
- \* relative good compatible with elastomers and seals
- \* good water resistance
- \* good sealing properties
- \* low friction torques even at lowest temperatures
- \* Very good low-temperature characteristics

#### Applications

- \* for bearings in high temperature sectors, ventilators, ovens, motors
- \* for bearings in ovens
- \* for anti-friction and sleeve bearings at high temperatures, in ovens, ventilators, engines
- \* for preparation of bearings and guidelines
- \* for anti-friction bearings in paper production in dry or wet areas
- \* for high speed bearings in high speed drives
- \* for rotor bearings in wind power stations

#### Technical Datas

Color		beige
Consistency Class NLGI		2
Name		KPHC2N-40
Base Fluid		PAO
Name		ISO-L-XDDIB2
Density 20°C	kg/m <sup>3</sup>	910
Viscosity Base Fluid, 40°C	mm <sup>2</sup> /s	220
Water Resistance Static	Grade	1
Temperature Range	°C	-40 -> +150
Temperature Range kurzzeitig bis	°C	220
Corrosion Protection Kupfer	Grade	1b
Dropping Point	°C	260
Wear Protection VKA Schweißkraft	N	3400
Corrosion Protection Emcor, WWO, distilled water	Grade	0-1

*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](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.