

# MOLYDUVAL

## Pegasus AKM 1 P



### High Temperature Grease

A premium extreme pressure high temperature grease intended for a wide variety of applications including bearings. Based on high quality mineral oil combined with aluminium complex thickener it provides excellent high temperature performance with good adhesion, structural stability and resistance to water. It has a high level of chemical stability and offers excellent protection against rust and corrosion.

#### Characteristics

- good anticorrosive properties
- high temperature resistance
- soft and smooth
- very good sea water resistant
- good walking resistance
- high dropping point
- good tackiness
- reduces friction

#### Applications

- for bearings in high temperature sectors, ventilators, ovens, motors
- for high speed spindle lubrication in wood, metal, and textile industry
- for bearings of oven conveyors, as in annealing and drying furnaces, bakery ovens, rotary kilns
- for anti-friction and sleeve bearings at high temperatures, in ovens, ventilators, engines
- for anti-friction bearings in paper production in dry or wet areas

#### Technical Datas

Color		beige
Base Fluid		Min
Name		ISO-L-XCDEB1
Name		KP1P-30
Consistency Class NLGI		1
Density 15°C	kg/m <sup>3</sup>	920
Temperature Range	°C	-30 -> +150
Temperature Range shortly up to	°C	200
Oxidation resistance	kPa	< 15
Dropping Point	°C	> 250
Lubricating Ability 02-SKF-R2F 120°C		pass
Oil Separation	%	1,9
Flow pressure -25°C	hPa (mbar)	< 1000
Water Resistance Static	Grade	2,9
Water Resistance Dynamic	Grade	1-80
Wear Protection VKA wear scar	mm	0,86
Wear Protection VKA welding load	N	2600
Corrosion Protection Emcor, WWO, distilled water	Grade	0-0
Corrosion Protection copper	Grade	1B
Pack Size cartridge 400 g		+

*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 <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. 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 : 05.02.2025