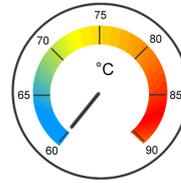


# MOLYDUVAL

## Pegasus UE 2



### High Temperature Grease

A synthetic high-temperature grease for the lubrication of very strongly temperature-loaded rolling and plain bearings. The grease protects against friction and wear, it retains its soft structure even at very high temperatures, additives against oxidation ensure long life, other additives provide reliable corrosion protection. Included wear protection additives form a thermally stable film on the metal surface, which causes a smoothing of the roughness peaks in the micro range at high temperatures. This reduces the friction and improves the hydrodynamics.

#### Properties

- \* good anticorrosive properties
- \* long-time stable, effects long life-time and low cost
- \* very good tackiness
- \* good sealing properties against corrosive gases and fluids
- \* good water resistance
- \* excellent extreme pressure ability
- \* low danger of forming residues or carbon

#### Applications

- \* for bearings in high temperature sectors, ventilators, ovens, motors
- \* for anti-friction and sleeve bearings at high temperatures, in ovens, ventilators, engines
- \* for high temperature spindles
- \* for anti-friction and sleeve bearings in textile industry
- \* for rotor bearings in wind power stations
- \* for high temperature operated bearings and mechanisms with high contamination levels, generally wherever a lubricant provided with high sealing capacity is required

#### Technical Datas

Color		beige
Consistency Class NLGI		2
Name		KPE2S-30
Base Fluid		Ester
Name		ISO-L-XCGIB2
Density 20°C	kg/m <sup>3</sup>	940
Temperature Range	°C	-30 -> +200
Temperature Range shortly up to	°C	230
Oxidation resistance 100h 99°C	kPa	< 35
Dropping Point	°C	> 260
Corrosion Protection Copper 24h 100°C	Note	1b
Evaporation Loss 22h 100°C (210°F)	%	< 0,25

*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.