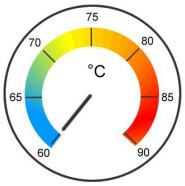
MOLYDUVAL
Pegasus LKA 1 PLV



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 +160°C. The good oxidation resistance and the use of thermic stable PAO base fluids withstand short temperature peaks over 180°C, the grease life will then however reduced and it must be relubricated more often.

Characteristics

- good anticorrosive properties
- high temperature resistance
- strong tackiness
- relative good compatible with elastomers and seals
- resistant to water
- 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 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 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		Undefined
Base Fluid		PAO
Name		ISO-L-XDDHB1
Name		KPH12P-40
Consistency Class NLGI		1
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	200
nd value n·d		600.000
Dropping Point	°C	260
Lubricating Ability 02-SKF-R2F 140°C		pass
Water Resistance Static	Grade	1
Wear Protection VKA welding load	N	3600
Corrosion Protection Emcor, WWO, distilled water	Grade	0-0
Corrosion Protection copper	Grade	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.
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.

For further information, please see our website www.molyduval.com or consult your local representative.