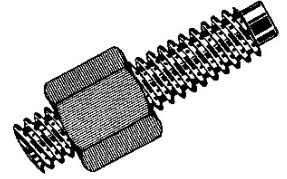
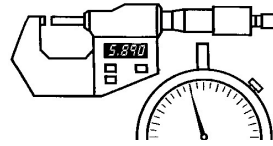


MOLYDUVAL

Polypan LKA 1



Synthetic Wide Range Grease

This multi-purpose PAO based grease is excellent for use in a wide variety of applications, especially where plastic compatibility is desired with the protection and wear prevention characteristics of a synthetic. Long life, wide temperature range, and waterproof characteristics. Use in sliding bearings, anti-friction bearings, etc. Excellent stability, Prevents rust, wide useful temperature range. Superior for wet conditions. Tacky for better adherence.

Characteristics

- good anticorrosive properties
- water refusing
- good pressure absorption capacity
- strong tackiness
- extreme frost resistant
- good walking resistance
- low danger of forming residues or carbon
- relative good compatible with many usually used sealants
- low starting torque
- compatible with many seals and plastics

Applications

- for fittings, for example cocks and plugs
- for instruments in precision engineering
- for hinges, joints, rails, guidelines
- for small gear units in medicinal or pharmaceutical equipment
- for joints in instruments
- for gears of radar or telegraphic equipment
- for tachometer axles
- for sleeve bearings in precision engineering
- for door and similar locking systems
- for small gear boxes with plastic gears
- for seals and elastomers in pneumatic applications
- In industrial furnaces and chimney construction, at high temperatures and below dew point

Technical Datas

Color		beige
Base Fluid		PAO
Name		ISO-L-XEDHB1
Name		KHCP1N-50
Consistency Class NLGI		1
Viscosity Base Fluid, 40°C	mm ² /s	150
Density 15°C	kg/m ³	910
Temperature Range	°C	-50 -> +140
Temperature Range shortly up to	°C	180
Dropping Point	°C	260
Lubricating Ability 02-SKF-R2F 140°C		pass
Water Resistance Static	Grade	1
Corrosion Protection Emcor distilled water	Grade	0-0
Corrosion Protection copper	Grade	1
Pack Size cartridge 400 g		+
Pack Size round box 1 kg		+
Pack Size pail 18 kg		+

MOLYDUVAL

Polypan LKA 1

Technical Datas

Pack Size drum 180 kg

+

Customs tariff number

340399

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.