

MOLYDUVAL

Supravit UM 1 P



High Speed Grease

A bright high-speed and high-temperature grease for long term lubrication of high-speed bearings under extreme loads. As the latest generation polyurea because it has better mechanical and thermal stability of a much larger scope than conventional lithium soap greases.

Characteristics

- good anticorrosive properties
- high temperature resistance
- soft and smooth
- compatible and mixable with standard lithium based greases
- resistant to water
- protects from wear
- contains high pressure and anti wear additive (EP- and AW-additives)

Applications

- for instruments in precision engineering
- for small gear units in medicinal or pharmaceutical equipment
- for lubrication of small gears at high speed
- for door and similar locking systems
- for small roller bearings with high turns
- for recirculating ball spindles

Technical Datas

Color		brown
Base Fluid		Min
Name		KP1R-30
Consistency Class NLGI		1
Viscosity Base Fluid, 40°C	mm ² /s	32
Density 15°C	kg/m ³	880
Temperature Range	°C	-30 -> +180
Dropping Point	°C	230
Lubricating Ability 02-SKF-R2F 120°C		pass
Lubricating Ability 02-SKF-R2F		pass
Oil Separation 168h (7d) 40°C	%	< 5
Flow pressure -35°C	hPa (mbar)	< 1400
Water Resistance Static	Grade	1-90
Wear Protection VKA wear scar	mm	0,5
Wear Protection VKA welding load	N	2000
Corrosion Protection Emcor distilled water	Grade	0-0
Corrosion Protection Copper 24h 100°C	Note	1b
Pack Size cartridge 400 g		+
Pack Size round box 1 kg		+
Pack Size pail 18 kg		+
Pack Size drum 180 kg		+

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/>