

MOLYDUVAL

Supravit 92 LP



Synthetic High Speed Grease

A special synthetic high speed grease for lubrication of all kind of fast running rolling and sliding bearings. Based on a special low viscosity, syn-thetic base fluid, it is absolutely preferred for high speed bear-ings. It contains anti-corrosion additives which provide addi-tional rust protection in case of water or damp penetrate the lubrication point and a special wear reducing component. It is easy to apply and pump, it is free from particles which can cause noise in the bearings, thus the bearings run more quite, making it suitable as an instrument grease.

Properties

- * good anticorrosive properties
- * water refusing
- * high pressure ability
- * extreme frost resistant
- * free of silicones
- * relative good compatible with many usually used sealants
- * low starting torque
- * compatible with many seals and plastics

Applications

- * for anti-friction and sleeve bearings at low or changing temperatures
- * for instruments in precision engineering
- * for hinges, joints, rails, guidelines
- * for small gear units in medicinal or pharmaceutical equipment
- * for lubrication of small gears at high speed
- * for joints in instruments
- * for gears of radar or telegraphic equipment
- * for door and similar locking systems
- * for small roller bearings with high turns

Technical Datas

Color		beige
Consistency Class NLGI		2
Name		KPHC2N-60
Base Fluid		PAO
Name		ISO-L-XEDIB2
Density 20°C	kg/m ³	880
Viscosity Base Fluid, 40°C	mm ² /s	27
Water Resistance Static	Grade	1-90
Temperature Range	°C	-60 -> +140
Temperature Range shortly up to	°C	200
Corrosion Protection copper	Grade	1
Utility Time	h	140
nd value n·d		1.000.000
Dropping Point	°C	260
Corrosion Protection Emcor, WWO, distilled water	Grade	0

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.

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.