

MOLYDUVAL

Supravit LA 1 ZX



Synthetic High Speed Grease

Synthetic high speed grease for long-time lubrication of fast running bearings. Contains micro fine white solid lubricants for reducing friction, offering dry lubrication and preventing seizure. It may reduce the danger of oscillation based tribocorrosion. It also contains anti-corrosion additives which provide additional rust protection in case of water or humidity penetrates grease and a special wear reducing component. The full synthetic very modern low viscosity polyalphaolefine base fluid (PAO) offers excellent plastic compatibility. This fluid is not as sensitive to plastics and humidity as often in this applications used synthetic esters. This grease is produced in modern ultra clean production, quiet and steady run is achieved. Perfect suitable for For-Life-Lubrication and precision engineering.

Characteristics

- good anticorrosive properties
- reduces risk of tribo corrosion
- suitable for For-Life-Lubrication
- Relatively well compatible with elastomers and plastics (ask for exact compatibility)
- contains low viscosity base fluid
- protects from wear
- very good seal compatibility
- good resistant against cold and hot water, even sea water

Applications

- for lubrication of small gears at high speed
- for spindle bearings of metal working machines
- for sliding surfaces in aeronautics
- for sleeve bearings in optical and electronic instruments
- for bearings in mechanical ignition systems, instruments, counters
- for rolling and sleeve bearings in aerospace
- for anti-friction and sleeve bearings at high turnarounds
- for high speed spindles

Technical Datas

Color		white
Base Fluid		PAO
Name		ISO-L-XEBIB1
Name		KPHC1G-50
Consistency Class NLGI		1
Density 15°C	kg/m ³	900
Temperature Range	°C	-50 -> +100
Temperature Range shortly up to	°C	120
Oxidation resistance 100h 99°C	kPa	< 35
Dropping Point	°C	190
Water Resistance Static	Grade	0-90
Wear Protection VKA welding load	N	2600
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.

For further information, please see our website <https://www.solano-industries.com/en/>

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. We reserve the right to change the information in this manual at any time and without notice. All previous versions of this manual are no longer valid. Updating : 22.05.2024