

MOLYDUVAL Aero BED 20



Synthetic Low Temperature Grease

A low temperature synthetic grease for temperatures up to -70°C . Can be used for the lubrication of small gears in machines, instruments and measuring devices as well as for rolling bearings for immersion lubrication and for similar low-maintenance applications. Contains a synthetic base oil based on ester, an inorganic thickener and additives, which also impart good wear protection to the grease, in addition to oxidation and moisture stability. Plastics can be attacked by the contained thin liquid ester.

Characteristics

- good anticorrosive properties
- water refusing
- good pressure absorption capacity
- strong tackiness
- extreme frost resistant
- biodegradable
- do not use for high speed bearings caused by low walk stability of the thickener
- low danger of forming residues or carbon
- may harden in high temp area
- not compatible with some seal and plastics, please ask for compatibility with special materials

Applications

- for instruments in precision engineering
- for small gear units in medicinal or pharmaceutical equipment
- for spindles
- for tachometer axles
- for gears and bearings in flight safety equipment, control devices in aeronautics
- for lubrication of contacts in precision engineering
- for valves and seals in vacuum and aeronautic

Technical Datas

Color		Undefined
Base Fluid		ester
Name		ISO-L-XEDEB00
Name		KPE00N-70
Consistency Class NLGI		00
Density 15°C	kg/m ³	980
Temperature Range	°C	-70 -> +150
Temperature Range shortly up to	°C	150

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 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 : 09.07.2024