

MOLYDUVAL

Aero LE 1 X



Synthetic Low Temperature Grease

A soft, synthetic low temperature grease for very low temperatures. Can be used for long-term lubrication of rolling and plain bearings. Also for-life lubrication is possible. The grease has a high purity, the bearings run therefore very quiet and also make it suitable for applications in precision engineering. Contains a relatively high proportion wear and corrosion protection.

Properties

- * good anticorrosive properties
- * very high pressure ability
- * strong tackiness
- * extreme frost resistant
- * long-time stable, effects long life-time and low cost
- * biodegradable
- * low danger of forming residues or carbon

Applications

- * for fittings, for example cocks and plugs
- * for anti-friction and sleeve bearings at low or changing temperatures
- * for instruments in precision engineering
- * for hinges, joints, rails, guidelines
- * for anti-friction or sleeve bearings in cooling equipment
- * 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 tachometer axles
- * for small roller bearings with high turns

Technical Datas

Consistency Class NLGI		1
Name		KEP1K-60
Base Fluid		Ester
Thickener		Li
Name		ISO-L-XECEB1
Density 20°C	kg/m ³	1000
Viscosity Base Fluid, 40°C	mm ² /s	15
Water Resistance Static	Grade	1-90
Temperature Range	°C	-60 -> +120
Temperature Range shortly up to	°C	140
Dropping Point	°C	190

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.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.