

MOLYDUVAL Aero LM 0 M



Low Temperature Grease

A low temperature grease for lubrication of roller and sleeve bearings working at temperatures down to -50°C. It is frost and water resistant and contains anti-corrosion additives providing additional protection in case of water or damp penetration. The grease is easy to apply and pump at low temperatures. It also contains MoS₂ for reducing friction and better wear protection.

Low temperature greases usually contain low viscous base fluids being also suitable for high speed applications.

Characteristics

- good anticorrosive properties
- very high pressure ability
- reduces risk of tribo corrosion
- strong tackiness
- extreme frost resistant
- soft and smooth
- long-time stable, effects long life-time and low cost
- strong extreme pressure treatment
- good wear protection under heavy duty conditions
- very good water resistance

Applications

- for anti-friction and sleeve bearings at low or changing temperatures
- for instruments in precision engineering
- 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 gears and bearings in flight safety equipment, control devices in aeronautics
- for high speed spindle lubrication in wood, metal, and textile industry



Technical Datas

Color		Undefined
Base Fluid		Min
Name		ISO-L-XEBIBO
Name		KPFOE-50
Consistency Class NLGI		0
Density 15°C	kg/m ³	970
Temperature Range	°C	-50 -> +90
Temperature Range shortly up to	°C	110
Dropping Point	°C	190
Lubricating Ability 02-SKF-R2F		pass
Corrosion Protection Emcor, WWO, distilled water	Grade	0-0
Corrosion Protection copper	Grade	1
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/>