MOLYDUVAL Amadeus UE









Polyol Ester Based Vacuum Grease

A synthetic vacuum grease for long life lubrication with extremely low evaporation. Offers good load-carrying properties and oxidation stability.

Properties

- * provides good protection against corrosion
- * oxidation resistant
- * high temperature resistance
- * high pressure ability
- * low evaporation rates at high temperatures
- * compatible with greases based on mineral oil
- * not compatible with some seal and plastics, please ask for compatibility with special materials

Applications

- * for pump seals
- * as sealing material in vacuum applications
- * for lubrication in vacuum
- * für valves and seals in vacuum and aeronautic
- * for bearings in electronics and computer
- * for anti-friction bearings in pumps

Technical Datas		
Color		beige
Consistency Class NLGI		2
Name		KPE2S-30
Base Fluid		Ester + PAO
Name		ISO-L-XCGIB2
Density 20°C	kg/m³	940
Viscosity Base Fluid, 40°C	mm²/s	460
Temperature Range	°C	-30 -> +200
Temperature Range kurzzeitig bis	°C	230
Oxidation Resistance 100h 99°C	kPa	< 35
Dropping Point	°C	> 260
Corrosion Protection Kupfer 24h 100°C	Note	1b
Evaporation Loss 22h 100°C (210°F)	%	< 0,25
Corrosion Protection Emcor	Grade	1
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 technical data in this information sheet represents our present knowledge and is based on our general experience. It is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary tests with the selected product to ensure that the product is safe, effective and fully satisfactory for the intended end use. It does also not form part of any sales contract as guaranteed properties of the delivered material.