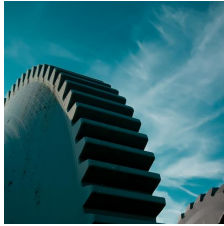


MOLYDUVAL

Prometheus AKM 1 Z



Special Open Gear Grease

An adhesive beige lubrication grease based on mineral and ester oil and an aluminium complex soap thickener, contains white solid lubricants. Suitable for open gears at high loads where it offers very good corrosion protection. Provides tacky, tenacious lubricant films on open gears operating under severe shock load conditions. After application a tacky lubricant film remains.

Properties

- * good anticorrosive properties
- * water refusing
- * good pressure absorption capacity
- * reduces wear and friction
- * reduces risk of Stick-Slip-effect
- * strong tackiness
- * wide temperature range
- * low danger of forming residues or carbon
- * contains solid lubricants offering additional friction reducing and less wear
- * protects against fretting corrosion and rust
- * very good adhesion even at low temperatures

Applications

- * for open cogwheels
- * for cogbars and cogwheels at cog railways
- * for pinion drives
- * for slow running bearings, especially heavy loaded bearings
- * for wire ropes in humid surroundings

Technical Datas

Color		beige
Consistency Class NLGI		1
Name		OGPFE1N-40
Base Fluid		Min + Ester
Name		ISO-L-XDDEB1
Density 15°C	kg/m ³	960
Temperature Range	°C	-40 -> +140
Wear Protection VKA welding load	N	3500

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.