

# MOLYDUVAL

## Prometheus LKM 30



### High Temperature Gear Flow Grease

A premium quality, multi-purpose grease fortified with extreme pressure additives. It is based on high viscosity index mineral oil and a lithium complex soap and contains additives to enhance its performance including antioxidation, anti-wear and anti-corrosion properties. High quality mineral oil provide excellent temperature performance with good structural stability and resistance to water. Offers excellent protection against rust and corrosion.

Recommended for a wide range of applications, including gear grease applications and gear couplings where a flow grease of this consistency is recommended. Also suitable for plain and rolling element bearing lubrication subject to shock loading, linkages and pins.

### Properties

- \* good anticorrosive properties
- \* very good tackiness
- \* suitable for centralized lubrication systems
- \* good oxidation resistance
- \* very good water resistance
- \* low friction coefficient

### Applications

- \* for gears of radar or telegraphic equipment
- \* for small gear boxes
- \* for industrial gears and thread spindles running slowly but loaded heavy
- \* for industrial gear boxes
- \* for gears in textile industry

### Technical Datas

Color		yellow
Consistency Class NLGI		000
Name		GP000P-20
Base Fluid		Min
Thickener		LiK
Name		ISO-L-XBEIB000
Density 15°C	kg/m <sup>3</sup>	900
Temperature Range	°C	-20 -> +160
Temperature Range shortly up to	°C	+200
Corrosion Protection copper	Grade	1-100
Corrosion Protection Emcor, WWO, distilled water	Grade	0
Wear Protection VKA welding load	N	3000

*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](http://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.