

MOLYDUVAL

Prometheus LG 20



Synthetic Gear Grease

A synthetic polyglycol based high treated lubrication grease for high loaded worm gears. Besides of an good high temperature stability it guarantees very good wear protection, good lubrication in special for worm gears or other gears with slided motion. Its main advantage is its very good friction property, but - as all greases based on polyglycols - it may cause seal problems. Please check quality and compatibility of seal and elastomers before use.

Properties

- * very good tackiness
- * economic use
- * low working temperature caused by low friction
- * Lubricants based on polyglycols are not compatible with some currently used seals, paints and plastics. Please contact us for further information.
- * very low friction coefficient

Applications

- * for gears and bearings in flight safety equipment, control dices in aeronautics
- * for small gear boxes
- * for industrial gears and thread spindles running slowly but loaded heavy
- * for industrial gear boxes working under high temperatures, or other unfavorable conditions
- * For small worm gearboxes and other small gearboxes with sliding friction, since it has low coefficients of friction
- * for gears in textile industry

Technical Datas

Color		gelb
Consistency Class NLGI		00
Name		GPPG00K-30
Base Fluid		PG
Thickener		Li
Name		ISO-L-XCCAB00
Density 15°C	kg/m ³	1000
Viscosity Base Fluid, 40°C	mm ² /s	150
Water Resistance Static	Grade	0
Temperature Range	°C	-30 -> +130
Temperature Range shortly up to	°C	140
Dropping Point	°C	190
Corrosion Protection Copper 24h 100°C	Note	1a

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.