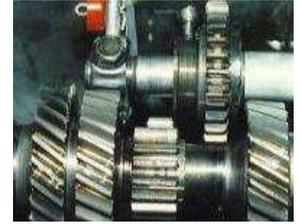
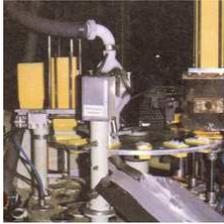


MOLYDUVAL

Prometheus A 00 LM



Synthetic Gear Grease, Food-Grade

A fully synthetic, PAO based and food grade lubrication grease for high loaded gear boxes, bearings, and chains. Besides a good temperature stability it guarantees excellent wear protection and good lubrication for a long life time. It is suitable for many types of gear boxes including worm gears, many bearings, slideways and sliding surfaces. Based on modern Polyalphaolefines (PAO) it is also food grade and has in this application better lubrication and oxidation properties than greases based on pharmaceutical white oils or hydrocracks. In worm gears and other applications the seal aggressive polyglycols may be replaced.

Properties

- * good anticorrosive properties
- * very good tackiness
- * economic use
- * suitable for centralized lubrication systems
- * good oxidation resistance
- * Food grade, i.e. the product fulfills the requirements for an H1 lubricant for use in the food industry
- * very good water resistance
- * contains high viscosity base fluid
- * low friction coefficient
- * low working temperature caused by low friction
- * good pumpability in many types of lubrication systems even at low temperatures

Applications

- * for gear boxes in food industry
- * for chains
- * for gears and bearings in flight safety equipment, control devices in aeronautics
- * for industrial gears and thread spindles running slowly but loaded heavy
- * for bowden cables
- * for chains, drive and transport chains, in conveying machines, pasteurize plants, sorting stations, peelers, packing and labelling machines, shrinking tunnels
- * for industrial gear boxes
- * for control systems

Technical Datas

Color		white
Consistency Class NLGI		00
Name		GPHC00P-40
Base Fluid		PAO
Name		ISO-L-XDEIB00
Density 15°C	kg/m ³	880
Temperature Range	°C	-40 -> +170
Temperature Range shortly up to	°C	190
Corrosion Protection Emcor, WWO, distilled water	Grade	0

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.