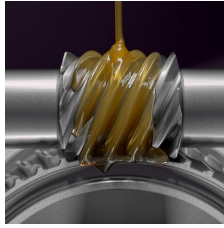


MOLYDUVAL

Tantalus GP 680 PP



Synthetic High Temperature Oil

A synthetic high-performance lubricating oil for industrial gears and high-temperature circulation systems. Proven for years for worm gears. Polyglycols are used as base oils, which are characterized by excellent high temperature stability and very low coefficients of friction. The low coefficients of friction are particularly advantageous in worm gears, since there is a sliding friction component due to the design. Furthermore, the product is equipped with anti-corrosion, anti-oxidation and anti-wear additives.

Characteristics

- not compatible with mineral oil
- good pressure absorption capacity
- reduces wear and friction
- fully synthetic
- long usability due to good oxidative resistance
- excellent viscosity temperature behaviour
- low friction coefficient
- not compatible with some seal and plastics, please ask for compatibility with special materials

Applications

- for anti-friction and sleeve bearings at high pressure and high temperature
- for chains in high temperature sectors
- for industrial gears and thread spindles running slowly but loaded heavy
- for high temperature spindles
- for industrial gear boxes working under high temperatures, or other unfavorable conditions
- for industrial gear boxes
- For small worm gearboxes and other small gearboxes with sliding friction, since it has low coefficients of friction
- for slide or contact surfaces at highest temperatures
- Heavily shock loaded gears of steel mills, cement mills and crushers

Technical Datas

Color		
Base Fluid		PG
Name		CLPPG680
Viscosity Class	ISO-VG	680
Viscosity 40°C	mm ² /s	680
Viscosity 100°C	mm ² /s	106
Viscosity Index		230
Density 40°C	kg/m ³	1070
Temperature Range	°C	-20 -> +210
Pour point	°C	-35
Lubricating Ability FZG Test, A/8.3/90	Grade	> 12

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. We reserve the right to change the information in this manual at any time and without notice. All previous versions of this manual are no longer valid. Updating : 27.06.2022