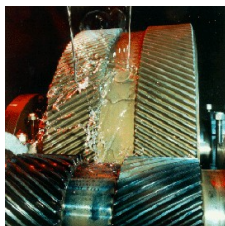


MOLYDUVAL

Tantalus M 100 PS



High quality gear oil for shock load conditions

A premium heavy duty gear oil for extreme loads. Very strong EP treated (extreme pressure), manufactured of high refined base oils with special cleared additives. Special additives provide extraordinary extra pressure, anti-wear, lubricity and boundary film lubrication with a profound effect on wear characteristics. Suitable for almost all types of closed industrial gears for bath, splash or circulation lubrication, also for high loaded bearings, joints, guidance.

Characteristics

- relative good compatible with elastomers and seals
- strong extreme pressure treatment
- reduces anti seizing
- excellent wear protection
- long usability due to good oxidative resistance
- good oil/water separation properties, easy drainage of excess water from lubrication systems
- form surface active molecular protection films
- low foam

Applications

- for circulating systems, even under heavy loads and/or the most unfavorable operating conditions
- for high temperature gears
- for enhance running-in lubrication of bearings, guidelines and gears
- for industrial gears and thread spindles running slowly but loaded heavy
- for chains, drive and transport chains, in conveying machines, pasteurize plants, sorting stations, peelers, packing and labelling machines, shrinking tunnels
- for industrial gear boxes working under high temperatures, or other unfavorable conditions

Technical Datas

Color		brown
Base Fluid		Min
Viscosity Class	ISO-VG	100
Viscosity 40°C	mm ² /s	100
Viscosity Index		100
Density 40°C	kg/m ³	890
Temperature Range	°C	-20 -> +80
Flash Point COC	°C	210
Wear Protection FZG test	Grade	> 12
Pack Size can 5 l		+
Pack Size drum 60 l		+
Pack Size drum 200 l		+

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 : 11.03.2025