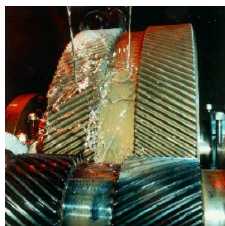


MOLYDUVAL

Tantalus M 100 M



Industrial Gear Oil with MoS₂

A high viscous gear oil for enclosed gears subject to severe applications, such as extreme pressure, shock loads, high temperatures and water contamination. It may be used in industrial gears at slow to moderate speeds. The high quality of enables gears to run better and last longer. Performance is assured because it is especially adhesive with excellent film forming capabilities. Molybdenum Disulphide provides extra protection against friction and wear. The MoS₂ smooth surfaces and improves pressure load.

Characteristics

- relative good compatible with elastomers and seals
- strong extreme pressure treatment
- reduces anti seizing
- friction reducing caused by forming solid MoS₂ film
- excellent wear protection
- solid lubricants effective up to 450°C
- long usability due to good oxidative resistance
- good oil/water separation properties, easy drainage of excess water from lubrication systems
- low foam
- high solid content
- contains solid lubricants offering additional friction reducing and less wear
- relative good stable, a short stirring is recommended after long storage periods

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
- for industrial gear boxes

Technical Datas

Color		black
Base Fluid		Min
Name		ISO-L-CKE100
Name		CLPF100
Viscosity Class	ISO-VG	100
Viscosity 40°C	mm ² /s	100
Density 40°C	kg/m ³	910
Temperature Range	°C	-20 -> +150
Pour point	°C	-30
Flash Point COC	°C	230
Wear Protection 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 : 14.04.2023