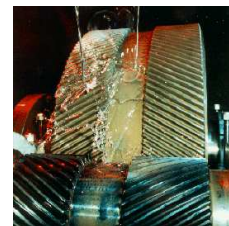


MOLYDUVAL

Tantalus M 220 PS



High quality gear oil for shock load conditions

A 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. Conforms to lubricating oils CLP according to DIN 51517, part3. The viscosity classification corresponds to the ISO classification. Suitable for almost all types of closed industrial gears for dipping and circulation lubrication, also for normally loaded sliding and antifriction bearing, joints, guidance.

Properties

- * relative good compatible with elastomers and seals
- * strong extreme pressure treatment
- * reduces anti seizing
- * excellent wear protection
- * good oil/water separation properties, easy drainage of excess water from lubrication systems
- * form surface active molecular protection films
- * low foam
- * developed for shock-loaded gears

Applications

- * for industrial gears and thread spindles running slowly but loaded heavy
- * for gearbox applications in wind turbines
- * Heavily shock loaded gears of steel mills, cement mills and crushers

Specifications

ISO DP 6743/6, categories CKB-CKC-CKE
AGMA 9005-D94

Technical Datas

Color		brown
Base Fluid		Min
Viscosity Class	ISO-VG	220
Density 20°C	kg/m ³	900
Temperature Range	°C	-20 -> +100
Viscosity 40°C	mm ² /s	220
Flash Point	°C	220
Viscosity Index		100
Wear Protection FZG test	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.