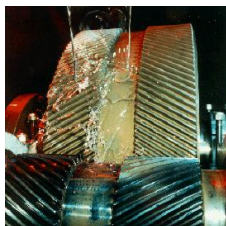


MOLYDUVAL

Tantalus A 220 WE



Synthetic Gear Oil for Wind Power Gears

A high treated synthetic oil on PAO base for gear and bearing lubrication in wind turbines. It provides good high and low temperature stability excellent wear protection and good sealing compatibility with many elastomers commonly used.

characteristics

- * very high pressure ability
- * compatible with mineral oil
- * relative good compatible with elastomers and seals
- * good low temperature characteristics
- * low noise
- * high flash point
- * free of solids
- * good ageing resistance

Applications

- * for high temperature gears
- * for bearings in high temperature sectors, ventilators, ovens, motors
- * for industrial gear boxes working under high temperatures, or other unfavorable conditions
- * for gearbox applications in wind turbines

Specifications

Some examples of gear oil specifications (not tested) that this product can meet are:
 Flender Rev. 13
 DIN 51517 Part III (Aug.2011) including
 * FZG A/8.3/90
 * FE8 DIN 51819-3 (with < 30mg wear)
 * ASTM D2893
 US Steel 224
 AGMA 9005-E02 (EP)
 David Brown S1.53.101 Type E
 Cincinnati P-74
 FZG Micropitting FVA 54
 FZG A/16.6/90 (12-14)
 Flender Foam Test ISO 6247

Technical Datas

Color		Undefined
Base Fluid		PAO
Viscosity Class	ISO-VG	220
Viscosity 40°C	mm ² /s	220
Viscosity 100°C	mm ² /s	26
Viscosity Index		150
Density 40°C	kg/m ³	845
Pour point	°C	-39
Flash Point COC	°C	270
Lubricating Ability FZG Test, A/8.3/90	Grade	> 12

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 : 07.01.2022