

Description

Tauro range of products have been developed for applications in industrial gear assemblies with high load requirements and harsh environments. Its careful formulation incorporates the highest quality bases and additives, improving its extreme pressure and anti-rust performance, its anti-foaming capacity and its resistance to oxidation.

It is suitable for all kinds of industrial gearboxes, bearings and multipliers, using splash or circulating lubrication.

Properties

- Reduce wear under boundary lubrication conditions and extreme pressure.
- Excellent thermal stability to avoid sludge and extend drain oil interval.
- Very good protection against rust, preventing steel corrosion.
- High de-emulsifying capacity (quick separation from water).
- Good antifoaming characteristics.
- Resistance to the rupture of the lubricant film.

Quality levels

- AGMA 9005 - F16
- US STEEL 224 / AISE 224
- DAVID BROWN S1.53.101(E)

Technical specifications

	UNIT	METHOD	VALUE			
ISO VISCOSITY GRADE			150	220	320	460
Density at 15 °C	g/mL	ASTM D 4052	0.88	0.89	0.91	0.91
Viscosity at 100 °C	cSt	ASTM D 445	15.1	19	23	30
Viscosity at 40 °C	cSt	ASTM D 445	150	220	320	460
Copper corrosion (3 h at 100 °C)	cP	ASTM D 130	1b	1b	1b	1b
Viscosity index	-	ASTM D 2270	100	95	93	92
Flash point, open cup	°C	ASTM D 92	260	260	260	260
Pour point	°C	ASTM D 97	-9	-9	-9	-9
TAN	mg KOH/g	ASTM D 664	0.7	0.7	0.7	0.7
FZG Step 12	-	DIN 51354	Pass	Pass	Pass	Pass

The above mentioned characteristics are typical values and should not be considered product specifications.

A safety information file is available on request.

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