

## 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
- 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, approvals and recommendations

- DIN 51517 Parte 3 CLP
- AIST 224 (US Steel 224)
- ISO-L-CKD
- AGMA 9005-F16 (Former 9005-E02-EP)
- ISO 12925-1 CKD
- David Brown S1.53.101

## Technical specifications

	UNIT	METHOD	VALUE						
ISO grade			68	100	150	220	320	460	680
Viscosity at 100 °C	cSt	ASTM D 445	8,5	11	14.5	19	23	30	40
Viscosity at 40 °C	cSt	ASTM D 445	68	100	150	220	320	460	680
Viscosity index		ASTM D 2270	98	97	97	95	93	92	95
Flash point	°C	ASTM D 92	230	245	260	260	260	260	260
Pour point	°C	ASTM D 97	-12	-12	-9	-9	-9	-9	-9
Water separability		ASTM D 2711							
- Free water	cm3		37 min.						
- Emulsion	cm3		1 max.						
Copper corrosion 3 h at 100 °C		ASTM D 130	1b						
Resistance to rust, A and B		ASTM D 665	Pass						
TAN (mg KOH/g)		ASTM D 664	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Water separability	mín	ASTM D 1401	<30	<30	<30	<30	<30	<30	<60
FZG, Step 12		DIN 51354	Pass						
Timkem load	lbs	ASTM D 2782	60 min.						

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