

SUPER TAURO



INDUSTRY

Lubricants

Description

The Super Tauro range of oils has been developed for applications in industrial gear assemblies with high load requirements. Its careful formulation incorporates the highest quality bases and additives, improving its anti-rust properties, its anti-foaming capacity and its resistance to oxidation. As such, these oils offer an excellent performance that puts them ahead of their competition.

They are particularly suitable for all kinds of industrial reducers and multipliers, using splash or circulating lubrication.

Very effective in all cases requiring maximum levels of oxidation resistance and/or load capacity.

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

- DIN 51517 Part 3 CLP
- AIST 224
- ISO-L-CKD
- AGMA 9005-E02-EP
- ISO 12925-1 CKD
- MAG IAS (ex Cincinnati)
- David Brown S1.53.101

A safety data sheet is available on request.

repsol.com
+34 901 111 999

Technical data sheet for Lubricants. Revision 9. October 2015

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Technical specifications

	UNIT	METHOD	VALUE							
ISO Grade			68	100	150	220	320	460	680	1000
Viscosity at 100 °C	cSt	ASTM D 445	8.5	11	14.5	19	23	30	40	50
Viscosity at 40 °C	cSt	ASTM D 445	68	100	150	220	320	460	680	1000
Viscosity index		ASTM D 2270	98	97	97	95	93	92	95	95
Flash point	°C	ASTM D 92	230	245	260	260	260	260	260	260
Pour point	°C	ASTM D 97	-12	-12	-9	-9	-9	-9	-9	-6
Water separability										
- Free water	cm ³	ASTM D 2711	37 min.	37 min.	37 min.	37 min.	37 min.	37 min.	37 min.	37 min.
- Emulsion	cm ³		1 max.	1 max.	1 max.	1 max.	1 max.	1 max.	1 max.	1 max.
Copper corrosion 3 h at 100 °C		ASTM D 130	1b	1b	1b	1b	1b	1b	1b	1b
Resistance to rust, A and B.		ASTM D 665	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
TAN (mg KOH/g)		ASTM D 1401	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Water separability	min	ASTM D 1401	<30	<30	<30	<30	<30	<30	<60	<60
FZG, Step 12		DIN 51354	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Timkem load	lbs	ASTM D 2782	60 min.	60 min.	60 min.	60 min.	60 min.	60 min.	60 min.	60 min.

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