

SUPER TAURO SINTÉTICO



INDUSTRY

Lubricants

Description

High-performance lubricant fluids. Formulated with specially selected synthetic bases (PAO, esters) and latest-generation additives, specially suitable for applications under very severe working conditions: high loads, low speeds and high/low temperatures.

They are specially suitable for industrial bearings and gears subject to very severe working conditions (high loads and low speeds) and within a wide range of temperatures. These include systems based on the forced circulation of oil, oil bath or splash lubrication. They are specially suitable for working at high temperatures, as their excellent resistance to oxidation allows extension of time between replacements, saving oil change, equipment cleaning and shutdown costs.

Properties

- Exceptional resistance to oxidation at high temperatures.
- Very low pour point, allowing operation at low temperatures.
- Very high viscosity index, allowing lubrication within a wide range of temperatures.
- Lower friction coefficient than conventional oils, thereby reducing power consumption.
- Compatible with conventional elastomers, joints and paints.
- Miscible with mineral oils.
- Excellent water separation and anti-foam properties.
- Very good anti-rust and anti-corrosion protection.
- Optimum EP properties.

Quality levels, approvals and recommendations

- DIN 51517 Part 3 CLP
- AGMA 9005-F16 (Former 9005-E02-EP)
- ISO 6743/6 CKT
- SIEMENS Flender Gear Units Rev. 16 (ISO 150 to 460)*
- AIST 224 (US Steel 224)
- Fives Cincinnati: P-35 (ISO 460), P-59 (ISO 320), P-76 (ISO 100), P-77 (ISO 150), P-74 (ISO 220)
- Reintjes: BV1597/2 (ISO 100), BV1917/2 (ISO 100), BV1597/4 (ISO 150), BV1917/4 (ISO 150)*

* Formal approval

A safety data sheet is available on request.

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Technical data sheet for Lubricants. Revision 8. July 2020.

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Technical specifications

	UNIT	METHOD	VALUE				
ISO Viscosity Grade			100	150	220	320	460
Viscosity at 100 °C	cSt	ASTM D 445	14.5	19.4	25.7	34.9	47.2
Viscosity at 40 °C	cSt	ASTM D 445	100	150	220	320	460
Viscosity index		ASTM D 2270	150	153	156	158	160
Flash point	°C	ASTM D 92	205	205	205	210	215
Pour point	°C	ASTM D 97	-54	-51	-42	-42	-39
De-emulsification, free water	cm ³	ASTM D 2711	37 min.	37 min.	37 min.	37 min.	37 min.
De-emulsification, emulsion	cm ³	ASTM D 2711	1	1	1	1	1
Timkem Load	lb	ASTM D 2782	70	70	70	70	70
Rust, method A		ASTM D 65	Pass	Pass	Pass	Pass	Pass
FZG, Step 12		DIN 51354	Pass	Pass	Pass	Pass	Pass

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

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