



# MAKER SUPER TAURO SYNTH

## 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.
- MOAHs free (Mineral Oil Aromatic Hydrocarbon)

## Quality levels, approvals and recommendations

- Approval for FLENDER Gear Units Rev.16\* (150, 220, 320, 460)
- REINTJES: BV1597/2, BV1917/2\* (100)
- ZANINI RENK\* (100)
- AIST: 224 (US Steel 224) (100, 150, 220, 320, 460)
- Fives Cincinnati: P-35 (460)
- Fives Cincinnati: P-74 (220)
- Fives Cincinnati: P-77 (150)
- THYSSENKRUPP (CLP PAO)\* (150, 220, 320, 460)
- DANIELI: STANDARD N. 0.000.001 - REV.15\* (150, 220, 320, 460)
- REINTJES: BV1597/4, BV1917/4\* (150)
- AGMA: 9005-F16 (100, 150, 220, 320, 460)
- DIN: 51517/3 - CLP (100, 150, 220, 320, 460)
- Fives Cincinnati: P-69 (320)
- Fives Cincinnati: P-76 (100)
- ISO: 6743/6 CKT (100, 150, 220, 320, 460)

\*Formal approval



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## Technical specifications

	UNIT	METHOD	VALUE				
ISO Viscosity Grade			100	150	220	320	460
Kinematic viscosity at 100 °C	cSt	ASTM D445	14.5	19.4	25,7	34,9	47.2
Kinematic viscosity at 40 °C	cSt	ASTM D445	100	150	220	320	460
Viscosity index	-	ASTM D2270	148	148	148	154	161
Flash point, open cup	°C	ASTM D92	205	272	250	256	252
Pour point	°C	ASTM D97	-54	-51	-42	-42	-39
Water separability, Free water	cm3	ASTM D2711	<37	<37	<37	<37	<37
Timkem load	lb	ASTM D2782	70	70	70	70	70
Rust, method A	-	ASTM D665	Pass	Pass	Pass	Pass	Pass
FZG (A/8,3/90): Failure load stage	-	ISO 14635	>12	>12	>12	>12	>12

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