



MAKER SUPER TAURO SYNTH HQ

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 and 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

- AGMA: 9005-F16 (220, 320, 460)
- DIN: 51517/3 - CLP (220, 320, 460)
- Fives Cincinnati: P-69 (320)
- ISO: 6743/6 CKT (220, 320, 460)
- AIST: 224 (US Steel 224) (220, 320, 460)
- Fives Cincinnati: P-35 (460)
- Fives Cincinnati: P-74 (220)

Technical specifications

	UNIT	METHOD	VALUE		
ISO Viscosity Grade			220	320	460
Kinematic viscosity at 100 °C	cSt	ASTM D445	25,5	34,7	47.2
Kinematic viscosity at 40 °C	cSt	ASTM D445	220	320	460
Viscosity index	-	ASTM D2270	160	161	167
Flash point, open cup	°C	ASTM D92	256	256	246
Pour point	°C	ASTM D97	-48	-48	-42
4 Ball EP, welding load	kg	ASTM D2783	315	315	315
4 Ball wear, print diameter (40 kg)	mm	ASTM D4172	0,36	0,36	0,36
Corrosion Cu, 3hrs 100 °C	-	ASTM D130	1b	1b	1b
FZG (A/8,3/90): Failure load stage	-	ISO 14635	>12	>12	>12

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