
PRODUCT INFORMATION

SYNTHETIC HYDROCARBON (SHC) CENTRIFUGAL COMPRESSOR LUBRICANT

DESCRIPTION:

DuroLube Turbo is an advanced synthetic hydrocarbon lubricant specially formulated for use in high speed centrifugal air compressors. DuroLube Turbo is a premium blend of hydrotreated synthetic hydrocarbon and ester base stocks with a *user-optimized* additive system for maximum performance, service life and value. DuroLube Turbo is rated for 16,000 hours service life under normal operating conditions and has superior varnish resistance compared to similar PAO and SHC turbine oil formulations.

BENEFITS:

DuroLube Turbo is blended from state-of-the-art highly refined and hydrotreated petroleum and synthetic ester base stocks coupled with a robust additive package that has been user-optimized to provide maximum service life, protection and economy. DuroLube Turbo provides excellent oxidation and thermal stability to resist breakdown and varnish formation better than traditional mineral oils.

- *User-optimized* Additive System for Maximum Life (16,000 hours)
- Excellent Oxidation & Thermal Stability
- Excellent Varnish Resistance Compared to other PAOs & SHCs
- Excellent Anti-wear and Corrosion Protection
- Excellent Demulsibility
- High Viscosity Index for wide temperature operation

ENVIRONMENTAL:

DuroLube Turbo is highly demulsifiable which increases the effectiveness of compressor condensate oil-water separators. Disposal of used fluid should be done in accordance with local, state, and federal regulations.

PRODUCT PROPERTIES

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DuroLube Turbo:

PROPERTY	TEST METHOD	RESULT (32)	RESULT (46)
COLOR	-	Clear	Clear
ISO VG GRADE	ISO 3448	32	46
VISCOSITY @ 40 °C (104 °F)	ASTM D445	32.0	46.8 cSt
VISCOSITY @ 100 °C (212 °F)	ASTM D445	5.7	7.1 cSt
VISCOSITY INDEX	ASTM D2270	116	114
POUR POINT	ASTM D5950	-21 °C (-6 °F)	-24 °C (-11 °F)
DENSITY @ 25 °C (77 °F)	ASTM D1298	0.85 g/cm ³	0.86 g/cm ³
FLASH POINT	ASTM D92	242 °C (468 °F)	258 °C (496 °F)
FIRE POINT	ASTM D92	264 °C (507 °F)	286 °C (547 °F)
TOTAL ACID NUMBER	ASTM D664	0.4 mg KOH/g	0.4 mg KOH/g
CORROSION PROTECTION	ASTM D665B	Pass	Pass
COPPER CORROSION	ASTM D130	Shiny 1B	Shiny 1B
ESTIMATED FLUID LIFE	-	16,000 hours	16,000 hours

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