



Synthetic Compressor Oil

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DESCRIPTION

Synthetic Compressor Oil is a rust and oxidation-inhibited lubricant that is useful in air compressors, geared turbines, in circulating systems and in many other industrial applications. They possesses outstanding thermal and oxidation stability, good load carrying capacity, excellent water separability, superior rust and corrosion inhibition, low foaming tendency, good air release properties and resistance to chemical degradation to provide excellent equipment protection, reliable operation, with reduced down-time and extended service life. Contains a low level of ashless (zinc-free) anti-wear additive for excellent wear protection.

APPLICATIONS

- ◆ Recommended for heavy duty use in single and multi-stage reciprocating compressors, rotary screw compressors, rotary vane compressors, centrifugal compressors, and in cylinder and compressor crankcases.
- ◆ Commonly found in centrifugal air compressors and in air tools and pneumatic equipment.

BENEFITS

- ◆ Zinc and heavy metal-free formulation is compatible with inherently biodegradable fluids and ideal for environmental applications.
- ◆ Excellent water separation capability resists formation of emulsions.
- ◆ Has outstanding thermal and oxidation stability that prevents sludge formation, controls deposits and minimizes oil degradation with TOST exceeding 12,000 hours.
- ◆ Effective rust and corrosion inhibitors provide long term protection to critical system components.
- ◆ Superior anti-wear property and load carrying capability.
- ◆ Good air release properties and foam control avoid erratic operation and pump cavitation.
- ◆ Fully compatible with petroleum oils and diesters.

TYPICAL PROPERTIES

TEST PARAMETER	METHOD	ISO32	ISO46	ISO68	ISO100
Density @ 15 °C, lbs/gal	ASTM D4052	6.95	6.92	6.95	6.98
Kinematic Visc. @ 40 °C, cSt	ASTM D7042	32.7	45.9	67.1	99.4
Kinematic Visc. @ 100 °C, cSt	ASTM D7042	6.2	7.9	10.8	14.9
Viscosity Index	ASTM D2270	141	144	151	157
Flash Point, °F	ASTM D93	498	513	529	531
Pour Point, °F	ASTM D97	-42	-36	-30	-27

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