



TriboDyn® Tri-Guard™ 1100 Piston Synthetic Compressor Oil

Product Description: TriboDyn® Tri-Guard™ 1100 Piston Synthetic Compressor Oil is based on a very thermally and oxidatively stable non-detergent synthetic oil and is specially formulated with advanced Tri-Guard™ antiwear additive technology designed for use in a wide variety of reciprocating air compressors. This Tri-Guard™ Technology offers an exceptional level of protection against wear, rust, and corrosion, as well as outstanding resistance against oxidation and thermal breakdown. Is designed for reciprocating air compressors to provide up to 8,000 hours of service, reduces energy consumption, is non-toxic/non-hazardous, and has a high flash point. TriboDyn® Tri-Guard™ 1100 Piston Synthetic Compressor Oil is engineered to control foam for improved film strength, excellent resistance to varnish and carbon deposits under high temperature applications and minimize impact from airborne contaminants. Has outstanding thermal and oxidative stability, resists water contamination, is compatible with most seals & plastics, and has a wide operating temperature range.

Applications: TriboDyn® Tri-Guard™ 1100 Piston Synthetic Compressor Oil is designed for reciprocating air compressors that require an ISO 100 or 30W non-detergent compressor oil. Oil life is dependent on operating conditions and maintenance practices – a regular oil analysis program is recommended. **NOT RECOMMENDED** for breathing air or refrigeration compressors. **NOT COMPATIBLE WITH** silicones or polyglycol (PAG) fluids. TriboDyn® Tri-Guard™ 1100 Piston Synthetic Compressor Oil is compatible with most synthetic and/or conventional compressor oils. Can be used as a Break-In oil.

Directions for use: Follow the compressors manufacturer's ISO or SAE weight recommendations and all other OEM specifications. It exceeds warranty requirements for all major manufacturers including Air Compressor Supply, Inc., Alkin Compressors, Atlas Copco Compressors, Brehob Corporation, Champion, Chicago Pneumatic, Ciasons, Curtis-Toledo, Inc., ELGi Compressors, Gardner Denver, Hertz Kompressoren, Howden, Ingersoll Rand, Kaeser Compressors, Inc., Mark Compressor, Powerex, Quincy Compressor, Inc., Sullivan Palatek, Inc., Vanair Manufacturing, Inc. as well as other makes and models of reciprocating piston air compressors.

Typical Properties

Typical Properties	Test Method	TRI-GD-1100P
ISO Viscosity Grades	ASTM D2422	100
@ 100° C, cSt	ASTM D445	13.0
@ 40° C, cSt	ASTM D445	105
Viscosity Index	ASTM D2270	106
Pour Point, °C (°F)	ASTM D97	-45 (-50)
API Gravity	ASTM D4052	28.7
Flash Point, °C (°F)	ASTM D92	262 (503)
Demulsibility, 130°F, 30 Min	ASTM D1401	40/40/0
Copper Strip Corrosion	ASTM D130	1a
Rust Test: Distilled Water	ASTM D665	Pass
Rust Test: Salt Water	ASTM D665	Pass
Foam Sequence I, II, III	ASTM D892	0/0/0
Total Acid Number	ASTM D664	0.12

Packaging: Tote, Drum, Pail, Gallon, Quart *Private label opportunities available*

The information and recommendations in this product data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.