



TriboDyn® Tri-Guard™ 2100 Piston Synthetic Diester Compressor Oil

Product Description: TriboDyn® Tri-Guard™ 2100 Piston Synthetic Diester Compressor Oil is a complex proprietary formula utilizes synthetic diester base fluids to provide enhanced cleaning properties and outstanding carbon and varnish control. 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™ 2100 Piston Synthetic Diester 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. It provides outstanding service — even in the most severe operating conditions, extends equipment life and helps improve facility uptime.

Applications: TriboDyn® Tri-Guard™ 2100 Piston Synthetic Diester 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™ 2100 Piston Synthetic Diester Compressor Oil** is compatible with most synthetic and/or conventional compressor oils.

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-2100P
ISO Viscosity Grades	ASTM D2422	100
@ 100° C, cSt	ASTM D445	11.5
@ 40° C, cSt	ASTM D445	96
Viscosity Index	ASTM D2270	102
Pour Point, °C (°F)	ASTM D97	-43 (-45)
API Gravity	ASTM D4052	23.4
Flash Point, °C (°F)	ASTM D92	244 (472)
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	0.11

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.