

ChevronTexaco TEGRA® ISO 100 Synthetic Compressor Oil

Category : Fluid , Lubricant

Material Notes:

Features Chevron Tegra Synthetic Compressor Oils are synthetic compressor lubricants formulated with the highest quality polyalphaolefin (PAO) base fluids. They provide excellent thermal and oxidation stability, high viscosity index, high flash point, low pour point, and excellent hydrolytic stability. Chevron Tegra Synthetic Compressor Oils protect against rust, oxidation, and foaming, and have ashless antiwear properties. Chevron Tegra Synthetic Compressor Oils are designed to meet the requirements of modern higher output, more efficient compressors. These units are more compact and operate at higher speeds than older compressors, resulting in higher temperatures. As temperatures increase, deposit formation on valves and air separators can also increase. Chevron Tegra Synthetic Compressor Oils provide the performance demanded by these compressors. Users will experience minimal carbon, varnish, and sludge deposits on valves and air separators. Exceptional oxidation stability extends crankcase drain intervals many times compared with those obtained with mineral oils. Compressor operators realize a reduction in equipment downtime and used oil disposal costs. Valve cleanliness is maintained by the excellent thermal and oxidation stability and low carbon-forming tendencies of this product. Clean valves minimize recompression, increase compressor efficiencies and reduce maintenance shutdown costs. Compressor users can obtain substantial savings in maintenance and lubrication costs by converting to Chevron Tegra Synthetic Compressor Oils. Savings will be realized with extended oil drain intervals. Because of low volatility, fluid consumption is reduced. In addition, they will find compatibility with paints, seals, plastics, and other types of construction materials. Risks from potential fires and explosions are reduced with Chevron Tegra Synthetic Compressor Oils. The lower carbon-forming tendencies and the higher flash points, fire points, and autoignition temperatures all contribute to improving compressor safety.

Applications Chevron Tegra Synthetic Compressor Oils are formulated to provide superior lubricating qualities for most compressors, especially portable and stationary rotary vane and screw compressors as well as singlestage, two-stage, and multistage reciprocating compressors. While specific manufacturer recommendations vary, the ISO 32 and ISO 68 grades are most commonly used for rotary compressors, while higher viscosity grades are preferred for reciprocating units. Since reciprocating compressors require both a crankcase lubricant and a cylinder lubricant, Chevron Tegra Synthetic Compressor Oils are formulated to meet this dual requirement. The formulation technology incorporated in these compressor fluids has been used successfully in reciprocating and rotary screw compressors from Ingersoll-Rand, Quincy, Sullair, Atlas Copco, and Gardner-Denver.

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http://www.lookpolymers.com/polymer_ChevronTexaco-TEGRA-ISO-100-Synthetic-Compressor-Oil.php

Physical Properties	Metric	English	Comments
API Gravity	36.4 °	36.4 °	
Viscosity Measurement	159	159	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	485 SUS	485 SUS	
Saybolt Viscosity at 210°F	77.5 SUS	77.5 SUS	
Kinematic Viscosity at 40°C (104°F)	95 cSt	95 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	14.5 cSt	14.5 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-54.0 °C	-65.2 °F	ASTM D97
Flammability Test	282	282	Fire Point °C
Flash Point	262 °C	504 °F	ASTM D92

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