

ChevronTexaco TEGRA® ISO 220 Synthetic Compressor Oil HC

Category : Fluid , Lubricant

Material Notes:

FeaturesChevron Tegra Synthetic Compressor Oil HC is a synthetic compressor lubricant. It is formulated to meet the demands of reciprocating compressors for gases other than air. It is formulated with the highest quality polyalphaolefin (PAO) base fluids. PAO has inherent properties, such as excellent thermal and oxidative stability, high viscosity index, high flash and fire points, natural friction reducing ability, and excellent low temperature fluidity, which make Chevron Tegra Synthetic Compressor Oil HC especially well suited for the lubrication of compressor cylinders. The ashless nature of Chevron Tegra Synthetic Compressor Oil HC makes it nonpoisonous to catalysts. The purity and thermal stability of this lubricant will substantially reduce the formation of sludge, deposits and sticky residues on compressor discharge valves, piping, and aftercooler tubing.

ApplicationsChevron Tegra Synthetic Compressor Oil HC is designed to meet the needs of cylinder lubrication in reciprocating compressors for inert gases (e.g. nitrogen, hydrogen, carbon dioxide, etc.) or for hydrocarbon gases (e.g. ethylene, propylene, propane, butane, etc.). The synthetic properties of Chevron Tegra Synthetic Compressor Oil HC reduce the problems associated with dilution by liquid hydrocarbons and by gas absorption at high pressures. Chevron Tegra Synthetic Compressor Oil HC meets U.S. Food and Drug Administration (FDA) requirements, 21 CFR 178.3570, and is suitable for lubrication of ethylene and propylene compressors involved in the manufacture of polymeric food packaging.

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http://www.lookpolymers.com/polymer_ChevronTexaco-TEGRA-ISO-220-Synthetic-Compressor-Oil-HC.php

Physical Properties	Metric	English	Comments
API Gravity	36.7 °	36.7 °	
Viscosity Measurement	160	160	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	1077 SUS	1077 SUS	
Saybolt Viscosity at 210°F	129.7 SUS	129.7 SUS	
Kinematic Viscosity at 40°C (104°F)	209 cSt	209 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	26.4 cSt	26.4 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-51.0 °C	-59.8 °F	ASTM D97
Flash Point	232 °C	450 °F	ASTM D92

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