

ChevronTexaco ISO 100 Industrial Oil EP

Category : Fluid , Lubricant

Material Notes:

Features Chevron Industrial Oils EP are multipurpose oils for industrial service. Chevron Industrial Oils EP are designed to help minimize wear in all types of plant lubrication and also provide long lubricant life. The high quality, high viscosity index paraffinic base stocks which are compounded with a carefully balanced additive package provide maximum protection to all types of equipment. Chevron Industrial Oils EP have excellent oxidation stability to withstand high temperatures above 100°C (212°F) frequently encountered in modern industrial machinery. All grades pass more than 1500 hours in the ASTM D 943 Oxidation Test. The thermal and oxidation stability of Chevron Industrial Oils EP means long lubricant life in a hot dirty environment where temperatures are high and oil contamination from water and process acids are common. The high alkaline reserve of Chevron Industrial Oils EP helps prevent deposit formation and protects antifriction bearings and other steel parts from the corrosive effects of acid and water. A high level of detergency fights deposit formation and helps keep contaminants dispersed in the oil. A unique acid-displacing rust inhibitor provides these oils with the qualities of preservative oil. A highly effective stray mist-control additive minimizes formation of stray mist in oil-mist lubrication systems without interfering with the formation of the desirable condensable mist droplets. An effective foam inhibitor hastens the release of entrained air and surface foam, which, if present in the oil, could reduce film strength or cause pump cavitation. Applications Hydraulic Systems Gearboxes Deck Machinery Compressors Reduction Gears Circulating Systems General Lubrication Dryer Chain Oil Hand Oiling Mist Systems Shaft Bearings Pumps Gas Compressors Drill Rig Gear Cases Thin Film Preservative Oil

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http://www.lookpolymers.com/polymer_ChevronTexaco-ISO-100-Industrial-Oil-EP.php

Physical Properties	Metric	English	Comments
API Gravity	30.6 °	30.6 °	
Viscosity Measurement	95	95	Viscosity Index; ASTM D2270
Saybolt Viscosity at 100°F	496 SUS	496 SUS	
Saybolt Viscosity at 210°F	63 SUS	63 SUS	
Kinematic Viscosity at 40°C (104°F)	90 cSt	90 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	10.7 cSt	10.7 cSt	ASTM D445
Oxidative Stability	>= 2000 hour	>= 2000 hour	Hours to 2.0 mg KOH/g acid number; ASTM D943

Mechanical Properties	Metric	English	Comments
Timken Test	11300 g	25.0 lb	

Thermal Properties	Metric	English	Comments
Pour Point	-24.0 °C	-11.2 °F	ASTM D97
Flash Point			ASTM D92

Thermal Properties	238 °C Metric	460 °F English	Comments
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Component Elements Properties	Metric	English	Comments
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Calcium, Ca	0.156 %	0.156 %	
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Chemical Properties	Metric	English	Comments
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Total Base Number	4.0	4.0	ASTM D2896
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Descriptive Properties	Value	Comments
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Aniline Point °F	228	
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