

ChevronTexaco Starguide™ ISO 100

Category : Fluid , Lubricant

Material Notes:

Texaco Starguide oils deliver value through: Cleaner cutting – Reduce excessive drag that slows cutting. Exceptional performance for low water and low oil consumption saw systems. Excellent low temperature properties – Low pour point and proprietary formulation keep guide holes, lines and filters free from build-up associated with low temperatures. Rust and corrosion protection. Excellent lubrication due to oily film on saw blade. Operator comfort – Low odor. Environmental sensitivity – The severely hydrotreated mineral oil and ashless additive formulation has passed aquatic toxicity tests under EPA and European Union criteria and is considered "nontoxic". These tests include the industry accepted LC-50 tests which measures toxicity to rainbow trout, daphnia shrimp, and green algae. Texaco Starguide oils are designed to promote longer saw guide and saw blade life in thin kerf saw equipment, when operating in severe service and reduced cooling water modes. Texaco Starguide oils are formulated with Group II base stocks and specially selected ashless additives to reduce friction between saw and guide components in thin kerf saw equipment. The oil lubricity performance minimizes rust and corrosion problems, while reducing friction to allow much cooler operation. Texaco Starguide oils have been formulated with effective rust inhibitors to prevent rust formation. Oiliness and EP properties provide excellent film strength for boundary lubrication and extreme pressure conditions. Texaco Starguide oils have the optimum emulsification to allow the correct mixing of oil and water and have tackiness properties to enable the lubricants to cling to saw and guide components. Texaco Starguide oils are specifically formulated to lubricate modern thin kerf sawing systems. Original Equipment Manufacturers and sawmill customers were consulted prior to product design and laboratory testing. Texaco Starguide oils performance properties have been field proven to meet the severe requirements of this application. Texaco Starguide oils meet or exceed the performance requirements of most saw system manufacturers, including: CAE (Newnes, McGehee), Optimil, Salem, TMT, Ukiah, and USNR (Kockums CanCar, Schurman). Texaco Starguide ISO 46 is recommended for and has been used successfully in band saw mist applications. Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing. CPS Number: 256001; MSDS Number: 9011

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-Starguide-ISO-100.php

Physical Properties	Metric	English	Comments
API Gravity	30.7 °	30.7 °	
Viscosity Measurement	105	105	Viscosity Index
Saybolt Viscosity at 100°F	494 SUS	494 SUS	
Saybolt Viscosity at 210°F	65 SUS	65 SUS	
Kinematic Viscosity at 40°C (104°F)	95 cSt	95 cSt	
Kinematic Viscosity at 100°C (212°F)	11.3 cSt	11.3 cSt	

Thermal Properties	Metric	English	Comments
Pour Point	-33.0 °C	-27.4 °F	
Flash Point	262 °C	504 °F	

Thermal Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Rust Prevention		Pass	24 h

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