

## ChevronTexaco Clarity® ISO 100 Saw Guide Oil

Category : Fluid , Lubricant

### Material Notes:

**Features** Chevron Clarity Saw Guide 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. Chevron Clarity Saw Guide Oils are formulated with ISOSYN® base stocks and specially selected ashless additives to reduce friction between saw and guide components in thin kerf saw equipment. The oils lubricity performance minimizes rust and corrosion problems, while reducing friction to allow much cooler operation. Chevron Clarity Saw Guide 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. Chevron Clarity Saw Guide 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.

**Applications** Chevron Clarity Saw Guide 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. Chevron Clarity Saw Guide Oils performance properties have been field proven to meet the severe requirements of this application. Chevron Clarity Saw Guide 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). Chevron Clarity Saw Guide Oil ISO 46 is recommended for and has been used successfully in band saw mist applications.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ChevronTexaco-Clarity-ISO-100-Saw-Guide-Oil.php](http://www.lookpolymers.com/polymer_ChevronTexaco-Clarity-ISO-100-Saw-Guide-Oil.php)

Physical Properties	Metric	English	Comments
API Gravity	31.7 °	31.7 °	
Viscosity Measurement	105	105	Viscosity Index; ASTM D2270
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	ASTM D445
Kinematic Viscosity at 100°C (212°F)	11.3 cSt	11.3 cSt	ASTM D445

Thermal Properties	Metric	English	Comments
Pour Point	-33.0 °C	-27.4 °F	ASTM D97
Flash Point	262 °C	504 °F	ASTM D92

Descriptive Properties	Value	Comments
Rust preventative Test Procedure B	Pass	Synthetic Sea Water

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