



PETROGLIDE™ SAW GUIDE OILS

Introduction

Petro-Canada's PETROGLIDE oils are premium quality saw guide oils specially designed and tested for modern multi-blade, gang saws and edgers. PETROGLIDE is formulated to provide optimum tackiness and reduced friction for increased recovery rates and sawmill productivity.

Petro-Canada's family of PETROGLIDE products starts with the patented HT purity process to produce a 99.9% pure, crystal clear base oil – some of the purest in the world. By removing the impurities that can hinder the performance in competitors' saw guide oils, and blending in our specialty additives, Petroglide delivers maximum performance.

Features and Benefits

Superior tackiness

- **Less wash off and better lubricity**
 - Reduces oil consumption, pitch build-up, energy costs, heat build-up and saw deviation
 - Helps increase productivity, save money and contribute to greater sawmill profitability
 - Only Petro-Canada monitors and indicates the level of tackiness for each grade in the Petroglide family

Greater recovery with superior extreme pressure properties

- **Reduces friction and metal-to-metal contact**
 - Helps reduce wear and heat build-up for both saw guides and blades, minimizing saw deviation and maximizing recovery
 - Fewer saw and guide changes, longer cutting cycles, less unscheduled maintenance and lower operating costs

Environmentally Friendly

- **Inherently biodegradable**
- **Dioxin formation and environmental concerns are reduced due to low levels of dioxin precursors**

Other Features

- **Outstanding water separation reduces oil wash-off**
- **Anti-rust additive keeps blades cleaner helping to increase saw life**

Applications

Petro-Canada's PETROGLIDE saw guide oils are specially formulated to lubricate the multiple saws and guides of modern arbor edgers. PETROGLIDE 68, 100 and 150 are recommended for use in arbor edgers (horizontal, vertical, single or double configurations), curve saws and thin kerf gang-saws manufactured by Ukiah, Kockums-Cancar, Schurman, Newnes, Optimil, McGehee, and CAE.

What is the HT difference?

Petro-Canada starts with the patented HT purity process to produce water-white, 99.9% pure base oils. The result is a range of lubricants, specialty fluids and greases that deliver maximum performance for our customers.



Typical Performance Data

PROPERTY	TEST METHOD	PETROGLIDE		
		68	100	150
Density, kg/L @ 15 °C	ASTM D4052	0.864	0.864	0.878
Viscosity, cSt @ 40°C / SUS @ 100°F cSt @ 100°C / SUS @ 210°F	ASTM D445	75.1 / 375 10.8 / 86.2	110 / 568 14.0 / 75.0	175 / 914 18.2 / 92.6
Viscosity Index	ASTM D2270	133	128	115
Flash Point, °C / °F	ASTM D92	230 / 446	268 / 514	270 / 518
Pour Point, °C / °F	ASTM D5950	-42 / -44	-36 / -33	-33 / -27
Four Ball EP Weld Load, kg	ASTM D2783	200	200	200
Tackiness Level, %	PCM 530	50	58	63
Filterability Performance	PCM 531	Pass	Pass	Pass
Rust Prevention, Procedure A	ASTM D665	Pass	Pass	Pass
Mechanical Emulsion, 54°C, mL (minutes)	ASTM D1401	41-38-1(25)	43-37-0(15)*	43-37-0(15)*
Dibenzofuran (DBF), Dibenzodioxin (DBD), ppb	PCM 514	15	15	15

The values quoted above are typical of normal production. They do not constitute a specification.

* Mechanical Emulsion for PETROGLIDE 100 and 150 run at 82°C

Health and Safety

To obtain Material Safety Data Sheets (MSDS), contact one of our TechData Info Lines.

TechData Info Lines

If you would like to know more about Petro-Canada PETROGLIDE oils, or any other product in our complete line of quality lubricants, please contact us at:

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