

# **TECH DATA**

## **PETROGLIDE™ MC 32**

### **BANDSAW OIL**

## **INTRODUCTION**

Petro-Canada's PETROGLIDE MC 32 is a premium quality bandsaw oil specially designed and tested for mist lubricated bandsaws. Mist generation is carefully balanced to effectively lubricate without excessive stray mist. This minimizes oil usage and contributes to a cleaner environment.

Petro-Canada's family of PETROGLIDE products starts with the 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 Mist Control and Tackiness**

- Helps ensure continuous lubrication of saws
- Minimizes oil mist in the work area
- Less wash off resulting in reduced oil consumption

### **Superior Anti-Wear Protection**

- Friction and metal-to-metal contact are reduced
  - Helps reduce wear and heat build-up, minimizing saw deviation and maximizing recovery
  - Fewer saw changes, longer cutting cycles, less unscheduled maintenance and lower operating costs
  - Reduces pitch build-up on the band saw blade and guides

### **Anti-Rust**

- Rust inhibitor keeps blades cleaner helping to increase saw life

### **Environmentally Friendly**

- Minimized stray mist
- Dioxin formation and environmental concerns are reduced due to low levels of dioxin precursors

## **APPLICATIONS**

PETROGLIDE MC 32 has been specially formulated for mist lubricated bandsaws but may also be used in oil/water saw lubrication and cooling systems which require a saw guide oil with an ISO VG 32 viscosity grade.

## TYPICAL PERFORMANCE DATA

Property	Test Method	PETROGLIDE MC 32
Density, kg/L @ 15 °C	ASTM D4502	0.855
Colour	ASTM D1500	3.5
Flash Point, °C / °F	ASTM D92	190 / 374
Viscosity cSt @ 40°C / SUS @ 100°F cSt @ 100°C / SUS @ 210°F	ASTM D445	32 / 164 5.9 / 46
Viscosity Index	ASTM D2270	130
Pour Point, °C / °F	ASTM D5950	-51 / -60
Four Ball EP Weld Load, kg	ASTM D2783	200
Dibenzodioxin (DBD) / Dibenzofuran (DBF), ppb	PCM 514	24

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

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Committed to the disciplined operation of our business.



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