



A HOLLYFRONTIER BUSINESS

# TECH DATA

## PETRO-CANADA BAR & CHAIN OILS

## INTRODUCTION

Petro-Canada Lubricants' BAR & CHAIN OILS are designed specifically for use in chainsaws and timber harvesters.

### INTRODUCING LUBE-LOCK TECHNOLOGY



PETRO-CANADA BAR & CHAIN OILS contain LUBE-LOCK Technology designed for greater adherence/tackiness to bars and chains.

LUBE-LOCK technology is a Petro-Canada Lubricants enhanced tackifier system that works on a molecular level to enable even the finest oils to stay in place during tough operations at both high and low temperatures. This makes PETRO-CANADA BAR & CHAIN OILS ideal for summer and winter use with the appropriate viscosity grades.

LUBE-LOCK enables PETRO-CANADA BAR & CHAIN OILS to adhere strongly to saw parts providing many inherent operational benefits including resistance to "throw off" from saw chains, strong water resistance, improved lubrication, reduced waste oil and reduced oil consumption.

### FEATURES AND BENEFITS

#### Economical

- PETRO-CANADA BAR & CHAIN OILS' tacky and stringy nature reduces oil consumption. They stick and resist "throw off" from chains and bars

#### Excellent metal wetting ability

- Complete oil coverage of guide bar, chain and groove
- Penetrates all linkage points
- Extends saw chain life

#### Long-term rust and corrosion protection

- Protect the chain and bar from rusting

#### Improved anti-wear protection

- Helps to prevent damaging metal-to-metal contact between chains, guide bars and drive sprockets
- Increases chain and guide bar service life

Petro-Canada Lubricants starts with the 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.



## APPLICATIONS

PETRO-CANADA BAR & CHAIN OILS 32 and 150 are intended for use in:

- Chainsaws
- Timber harvesters

PETRO-CANADA BAR & CHAIN 32 is formulated for use in late fall, winter, or early spring seasons due to its lower viscosity properties and pour point of -42°C (-44°F).

PETRO-CANADA BAR & CHAIN 150 is formulated for use in warmer seasons due to its high viscosity properties.

Because rapid chain wear can occur from insufficient lubrication, chain oiler reservoirs should be kept full and the oiler pump checked regularly.

Before installing a new chain, soak it first for a few hours in a clean container filled with PETRO-CANADA BAR & CHAIN OIL. This allows the lubricant to penetrate all the linkage points and prevent wear and rust.

## TYPICAL PERFORMANCE DATA

Property	Test Method	PETRO-CANADA BAR & CHAIN OILS	
		32	150
Texture	PCM 264	Stringy	Stringy
Colour	Visual	Dark Red	Dark Red
Kinematic Viscosity @ 40°C, cSt	D445	35	150
Kinematic Viscosity @ 100°C, cSt	D445	7.7	18.6
Viscosity Index	D2270	182	124
Flash Point, COC, °C	D92	171	231
Pour Point, °C	D5950	-42	-33

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

To order product or to learn more about how Petro-Canada Lubricants can help your business visit: [lubricants.petro-canada.com](http://lubricants.petro-canada.com) or contact us at: [lubecsr@petrocanadalsp.com](mailto:lubecsr@petrocanadalsp.com)



**Petro-Canada Lubricants Inc.**  
2310 Lakeshore Road W. Mississauga, Ontario, Canada L5J 1K2  
[lubricants.petro-canada.com](http://lubricants.petro-canada.com)

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