



DURATAC™ CHAIN OILS

Introduction

Petro-Canada Duratac Chain Oils are formulated specifically for lubricating the chains, guide bars, journal bearings and sprockets of modern high-speed chain saws. Duratac Oils are an economical, tacky, “once through” line of lubricants. They are formulated to reduce dripping and “throw-off” by their adhesive and stringy nature.

In addition, Petro-Canada Duratac Chain Oils may be used for general machine lubrication where a tacky, non-drip oil is required, or where water wash-off of the lubricant is a problem.

Features and Benefits

- **Economical**
 - Duratac oils are formulated as ‘once through’ lubricants
 - Tacky and stringy nature reduces oil consumption
 - Minimizes wear
- **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 protections**
 - Protect the chain and bar from rusting
- **Improve 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

- **Reduces dripping and throw off**

- Duratac is specially formulated to adhere to chains or for use in journal bearings. As a result of their stringy nature, “throw-off” is reduced, minimizing clean up and waste

- **Adheres strongly to all saw parts**

- Resists being thrown off saw chains
- Strong water resistance
- Gives improved lubrication
- Reduces oil consumption

Applications

Duratac Chain Oils 32, 68, 100 and 150 oils are intended for use in:

- Hand oiling of log chains in sawmills
- Chain saw bar and chain lubrication
- Slow speed and / or leaky journal bearings
- Guide bars and sprockets

Duratac Chain Oil 32 (dyed red) is formulated for use in the winter and early spring months. A Pour Point of -42°C / -44°F permits it to be used at extremely low temperature. Besides lubricating saw chains, Duratac Chain Oil 32 is also recommended as an air filter coating where a tacky product is required for dust removal.

Duratac Chain Oil 150 (dyed red) is formulated for use in warmer seasons. In addition to lubricating saw chains, Duratac Chain Oil 150 may also be used where a tacky, non-drip oil is required to lubricate machinery such as conveyor chains, drive chains, conveyor bearings and open gears.

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.



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, it should be soaked for a few hours in a clean container filled with Duratac Chain Oil. This allows the lubricant to penetrate all

the linkage points and prevent wear and rust. Chain life will be extended if it is periodically cleaned in a solvent such as Petrosol 3139. After cleaning, the chain should be soaked in Duratac Chain Oil before re-installed.

Typical Performance Data

PROPERTY	TEST METHOD	32	68	100	150
Texture	PMC 264	Stringy	Stringy	Stringy	Stringy
Viscosity, cSt @ 40°C cSt @ 100°C	D445	32	68	100	150
	D445	6.3	10.4	13.4	16.8
Viscosity Index	D2270	151	140	133	120
Flash Point COC, °C / °F	D92	190 / 374	210 / 410	210 / 410	210 / 410
Pour Point, °C / °F	D5950	-42 / -44	-39 / -38	-36 / -33	-30 / -22
Colour		Dark Red	Brown	Brown	Dark Red
Rust, A&B, 24 hr	D665	Pass	Pass	Pass	Pass
Four-ball Scar Diameter, mm 1200 rpm, 1h @15kg, 75°C	D4172	0.25	0.25	0.25	0.25

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

Health and Safety

To obtain Material Safety Data Sheet (MSDS), contact one of Petro-Canada's TechData Info Lines.

TechData Info Lines

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

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