

INTRODUCTION

Petro-Canada DURATAC Chain Oils are formulated specifically for lubricating the chains, guide bars, journal bearings and sprockets of modern highspeed 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.

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 being re-installed.

TYPICAL PERFORMANCE DATA

Property	Test Method	DURATAC			
		32	68	100	150
Texture	PCM 264	Stringy	Stringy	Stringy	Stringy
Viscosity	D445	32	68	100	150
cSt @ 40°C		6.3	10.4	13.4	16.8
cSt @ 100°C					
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 Wear 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.

Learn more about us: lubricants.petro-canada.com
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Committed to the disciplined operation of our business.



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