

SUPREME SYNTHETIC BLEND 2-STROKE SMALL ENGINE OIL

Introduction

Petro-Canada SUPREME Synthetic Blend 2-Stroke Small Engine Oil is a premium synthetic blend, low ash oil recommended for use in many conventional pre-mix fuel/oil, as well as oil injection lubricated engines.

SUPREME Synthetic Blend 2-Stroke Small Engine Oil is blended with a high performance low ash additive package that delivers outstanding anti-scuff and anti-wear protection, internal cleanliness and long engine life. A carefully controlled ash level minimizes spark plug fouling and prevents engine pre-ignition.

Features and Benefits

- Controls deposit formation, ring-sticking and prevents exhaust-port plugging
- Superior anti-wear and anti-scuff protection
- Minimizes spark plug fouling and engine pre-ignition
- Provides excellent protection against rust and corrosion
- Mixes easily with gasoline and pumps readily down to $-40^{\circ}\text{C}/^{\circ}\text{F}$
- Formulated for oil injection as well as pre-mixed gasoline/oil lubricated engines
- Keeps smoke emissions low when used at recommended gasoline/oil ratios
- Dyed blue-green for easy detection of gasoline/oil mixtures

Applications

Petro-Canada SUPREME Synthetic Blend 2-Stroke Small Engine Oil is certified against JASO FC and meets the requirements of ISO L-EGC and API TC. **It is designed to lubricate air-cooled, two-stroke cycle engines used to drive Motorcycles, Mopeds, Snowmobiles, Chain Saws, Generators, Lawn Mowers, Weed Trimmers and other landscaping equipment.** It is suitable for use in oil injection and premixed lubricated engines **at gasoline/oil ratios up to 100:1.**

SUPREME Synthetic Blend 2-Stroke Small Engine Oil meets the Society of Automotive Engineers' latest Fluidity/Miscibility specifications at the Grade 4 level and so mixes and pumps readily down to $-40^{\circ}\text{C}/^{\circ}\text{F}$

Quick Mix Chart

RATIO GASOLINE TO OIL	MILLILITRES (mL) OIL ADDED TO LITRES OF GASOLINE		
	5 LITRES	10 LITRES	25 LITRES
16:1	315	625	1550
24:1	210	420	1050
32:1	165	315	800
50:1	100	200	500
100:1	50	100	250

Recommended for use in 2-stroke snowmobiles including those manufactured by (and more):

- Bombardier (BRP)
- Polaris
- Arctic Cat
- Yamaha

Recommended for use in 2-stroke Lawn Maintenance/ Forestry Equipment including those manufactured by (and more):

- Hitachi
- Honda
- John Deere
- Kawasaki
- Lawn Boy
- Massey Ferguson
- Polaris
- Powermate (formerly Coleman)
- Tecumseh
- Weedeater
- Woods
- Yamaha
- Yardman

Recommended for use in 2-stroke Small CC Motorcycles and Scooters including those manufactured by (and more):

- Yamaha
- TVS
- Bombardier (BRP)
- Honda
- Kawasaki

What is the HT difference?

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.



Typical Performance Data

PROPERTY	ASTM TEST METHOD	SUPREME Synthetic Blend 2-Stroke Small Engine Oil
Density @ 15 °C, kg/L	D4052	0.8508
Colour		Blue/Green
Kinematic Viscosity cSt @ 40 °C cSt @ 100 °C	D445	37.1 7.03
Viscosity Index	D2270	154
Brookfield Viscosity, cP @ -40 °C	D2983	14,967
Pour Point, °C	D5950	-48
Sulphated Ash, wt %	D874	0.10
Total Base Number	D2896	0.86
Four Ball Weld, kg	D2783	126
Copper Corrosion, 3 hr @ 100 °C		1B
Performance Level		API TC / ISO E-GC / JASO FC
SAE Fluidity/Miscibility Number @ °C	(SAE J1536-2006)	F/M 4 @ -40 °C
JASO FC Requirements		
Lubricity	JASO M340	> 95
Initial Torque	JASO M340	> 98
Detergency	JASO M341	> 95
Smoke	JASO M342	> 85
Blocking	JASO M343	> 90

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 or contact us at: lubecsr@petrocanadalsp.com



IM-8078E (2014.08)

™ Owned or used under license



Beyond today's standards.™