



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-scutt 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-scutt 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 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.

Health and Safety

Supreme Synthetic Blend 2-Stroke Small Engine Oil has no adverse effects on health provided it is used as directed. To obtain Material Health and Safety Data Sheets, contact one of Petro-Canada's TechData Info Lines.



TechData Info Lines

To place an order, please call a Customer Order Management Representative at :

Canada (English) Phone 1-800-268-5850
(French) Phone 1-800-576-1686
United States Phone 1-877-730-2369
Latin America Phone +1-416-730-2369
Europe Phone +1-416-730-2389
Asia Phone +1-416-730-2372
China Phone +86 (21) 6362-0066

To learn more about how Petro-Canada lubricants, specialty fluids, oils and greases can help maximize your equipment performance, savings and productivity, please contact us at :

North America Phone 1-866-335-3369
Europe Phone +44 (0) 121-781-7264
Germany Phone +49 (0) 201-726-2913
Latin America Phone +1-416-730-2369
Asia Phone +1-416-730-2372
China Phone +86 (21) 6362-0066
E-mail sales@suncor.com

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Visit us on the web at lubricants.petro-canada.com

IM-8078E (2014.08)

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