



LUBRICANTS

AN HF SINCLAIR BRAND

TECH DATA

SUPREME™ C3-X

SYNTHETIC 5W-40

MOTOR OIL

INTRODUCTION

SUPREME C3-X Synthetic 5W-40 Passenger Car Motor Oil is formulated to meet demanding European and North American motor oil performance requirements for passenger cars, sport utility vehicles, vans and light trucks powered by gasoline or diesel engines. SUPREME C3-X Synthetic 5W-40 is a fuel saving synthetic motor oil that is produced with high quality synthetic base oils and an advanced additive system.

SUPREME C3-X Synthetic 5W-40 meets or exceeds the ACEA C3 requirements for gasoline and light duty diesel engines. SUPREME C3-X Synthetic 5W-40 meets VW standards 502 00, 505 00 and 505 01, Mercedes-Benz 229.51, BMW LL-04 as well as requirements of other manufacturers who require ACEA credentials, such as Peugeot and Rover.

FEATURES AND BENEFITS

Excellent Low Temperature Fluidity

- Provides fast cold weather engine starts
- Provides vital engine wear protection during low temperature start-up

Excellent Resistance To High Temperature Lubricant Breakdown

- Extends engine life by minimizing sludge, varnish and carbon deposits on engine parts

Longer Oil Life and Lower Oil Consumption

- Formulated with a shear stable viscosity modifier for enhanced viscosity stability and better bearing protection.

Outstanding Wear Protection

- Formulated with premium anti-wear additives for enhanced wear protection
- Reduces wear on rings, liners and camshafts
- Extends bearing life

APPLICATIONS

SUPREME C3-X Synthetic 5W-40 is recommended for use in gasoline and diesel powered engines in cars, SUVs, vans and light trucks.

SUPREME C3-X Synthetic 5W-40 performance level:

- Meets ACEA C3-23, API SN/CF as well as European OEM specifications including MB 229.51, 229.31, 226.5, Porsche A40, BMW LL-04, VW Standard 502 00, 505 00, 505 01, Renault RN0700/RN0710 and Ford M2C917-A.

It can be used as “top-up” to conventional motor oil of the same viscosity grade between oil changes, but best results will be achieved with a complete oil and filter change.

SUPREME C3-X Synthetic 5W-40 Passenger Car Motor Oil can provide additional protection and peace of mind under severe driving conditions such as:

- short trip
- stop-and-go with significant idling
- trailer towing
- extended high speed motorway driving
- extreme hot and cold temperatures

We recommend that you follow the Vehicle Manufacturer guidelines for oil and filter changes.

Petro-Canada Lubricants specialty fluids, lubricants and greases have an advantage in quality and performance. That's because our formulas are created and reviewed by an expert team of Research & Development specialists who ensure our finished products deliver to the specifications we demand and the performance standards our customers need.

TYPICAL PERFORMANCE DATA

Property	ASTM Test Method	SUPREME C3-X Synthetic 5W-40
Colour	ASTM D1500	2.0
Flash Point, COC, °C	ASTM D92	232
Kinematic Viscosity cSt @ 40°C cSt @ 100°C	ASTM D445	82.8 14.0
Viscosity Index	ASTM D2270	175
Cold Cranking Viscosity, cP @ -30°C	ASTM D5293	5,500
Pour Point, °C	ASTM D5950	-42
Borderline Pumping Viscosity, cP @ -35°C	ASTM D4684	37,960
Sulphated Ash, %wt.	ASTM D874	0.8
Base Number (BN), mg KOH/g	ASTM D2896	7.4
High-Temperature High-Shear (HTHS) Viscosity, cP @ 150°C	ASTM D4683	3.6

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

Learn more about us: petrocanadalubricants.com
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Committed to the disciplined operation of our business.



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