



INTERCEPTOR® Synthetic 2-Stroke Oil

A specialized oil for today's specialized engines

Two-stroke snowmobiles are meant to be ridden hard. Repeatedly pushing a machine to wide-open throttle during all-day, aggressive riding, however, takes its toll on the engine. INTERCEPTOR Synthetic 2-Stroke Oil is specifically designed for maximum performance in all makes of two-stroke snowmobiles, including Ski-Doo®, Polaris® and Arctic Cat®, helping enthusiasts spend more time riding and less performing maintenance. It is compatible with nearly all other two-stroke oils, while its low-smoke, low-odor properties help ensure riders won't be "smoked out." INTERCEPTOR is engineered to be pushed as hard as the sleds it protects.

Anti-Scuff/Anti-Wear

Snowmobile engines have evolved to run on leaner gas-to-oil mixtures, increasing harmful friction and heat. INTERCEPTOR's synthetic formulation incorporates high-molecular-weight components with high flash points that resist burn-off. As a result, a greater amount of oil survives the combustion process to provide lubrication and protection. Its excellent lubricity and film strength inhibit metal-to-metal contact. In extreme dynamometer testing, INTERCEPTOR's anti-scuff/anti-wear formula completely prevented piston skirt scuffing.

Excellent Deposit Control

INTERCEPTOR naturally resists harmful deposits due to its thermally stable synthetic formulation. It is additionally fortified with high-temperature detergency and dispersancy additives that provide excellent engine cleanliness. In extreme dynamometer testing, INTERCEPTOR completely prevented piston ring and exhaust power valve sticking for maximum performance. It also limited piston, combustion chamber and spark plug deposits for reliable operation.



APITC

- **Excellent** for all two-stroke snowmobiles
- **Outstanding** performance in DFI engines
- **Prevents** piston ring & exhaust power valve sticking
- **Protects** against wear
- **Low** smoke and odor
- **Helps** prevent plug fouling
- **Exceptional** cold-temperature fluidity (-72°F pour point)

Proven in Extreme Dynamometer Test on Rotax® E-TEC® Engine

INTERCEPTOR was installed in a 2012 BRP® Ski-Doo® Renegade X snowmobile equipped with a Rotax E-TEC 800R engine. Following 50 hours of severe-duty engine dynamometer testing designed to simulate a full season of real-world conditions, the engine was disassembled and rated for deposits, wear and other distress by an ASTM calibrated rater. Each component earned a merit rating on a scale of 0 to 10 (with 10 representing no distress) or a percentage rating (with 0 percent representing no distress). Results prove INTERCEPTOR excelled at inhibiting deposits and wear. **See the complete dyno results at amsoil.com/proof.**

The piston rings earned perfect 10 merit ratings, demonstrating no ring sticking and maximum performance. The piston skirts exhibited 0.00% scuffing, proving INTERCEPTOR's excellent lubricity and ability to reduce friction.

Pistons & Rings Exhaust Side



Piston coating largely intact.

Typical Technical Properties – AMSOIL INTERCEPTOR® Synthetic 2-Stroke Oil (AIT)

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	7.7
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	39.8
Viscosity Index (ASTM D2270)	168
Pour Point, °C (°F) (ASTM D97)	-58 (-72)
Flash Point, °C (°F) (ASTM D92)	84 (183)
Fire Point, °C (°F) (ASTM D92)	84 (183)
SAE J1536 Fluidity/Miscibility Grade 4 Arctic Climate (17,000 cP max @ -40°C)	Pass
Engine Lubricity Test, mix ratio @ 150:1 (ASTM D4863)	Pass

APPLICATIONS

Use AMSOIL INTERCEPTOR Synthetic 2-Stroke Oil in all two-stroke snowmobiles and where API TC oils are specified.

Polaris® • BRP®/Ski-Doo® (Rotax® E-TEC® engines) • Arctic Cat® (C-TEC 2) • Yamaha® • Direct-fuel-injected (DFI), Electronic-fuel-injected (EFI) & Carbureted engines

Use as injection oil or 50:1 premix (2.6 oz. per U.S. gallon of gas). INTERCEPTOR is compatible with most conventional and synthetic two-stroke oils; however, for best performance, mixing oils should be minimized.

WARRANTY

INTERCEPTOR Synthetic 2-Stroke Oil is Warranty Secure™, keeping your factory warranty intact. INTERCEPTOR is a high-performance replacement for vehicle manufacturer-branded products and is also backed by the AMSOIL Limited Warranty (G1363). For details, visit www.amsoil.com/warrantysecure.



HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended applications and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at www.amsoil.com or upon request at (715) 392-7101. **Keep Out of Reach of Children.** Recycle used oil and bottle.

Extreme Dynamometer Test on Rotax® E-TEC® Engine

Complete results at amsoil.com/proof



Cross-hatch pattern 99% intact.

The cylinder bores earned a nearly perfect 9.70 rating on a 10-point scale. INTERCEPTOR Synthetic 2-Stroke Oil excelled at limiting metal-to-metal contact and controlling wear.

Polaris® Exhaust Power Valve Field Study

INTERCEPTOR was installed in a 2011 Polaris 800 Assault and placed into service for two seasons. After 1,300 miles of hard riding, the exhaust power valves were removed and inspected.



INTERCEPTOR kept valves freely moving and limited deposits for continuous high-performance operation.



The First in Synthetics®

Jeff Fisher

866-292-4700

www.SyntheticOils.us

AMSOIL products and Dealership information are available from your local full-service AMSOIL Dealer.