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The First in Synthetics®

DATA BULLETIN

## 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 a full season of real-world riding, INTERCEPTOR's anti-scuff/anti-wear formula completely prevented piston skirt scuffing (see reverse).

### 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 field testing, INTERCEPTOR completely prevented piston ring and exhaust power valve sticking for maximum performance.

### INTERCEPTOR Field Trial Results

During the winter of 2015/16, INTERCEPTOR was tested in the three top makes of snowmobiles. Each sled was added to the rental fleet of a different outfitter in the Eagle River, Wis., area and placed into service. Following the season, the sleds were disassembled and examined for wear. Results reveal INTERCEPTOR prevented piston ring sticking and piston scuffing, (see reverse) while the exhaust power valves contained no abnormal deposit buildup and did not stick.



- **Excellent** for all two-stroke snowmobiles
- **Prevents** piston ring & exhaust power valve sticking
- **Exceptional** cold-temperature fluidity (-69°F pour point)
- **Outstanding** performance in DFI engines
- **Protects** against wear
- **Low** smoke and odor
- **Helps** prevent plug fouling

\*All trademarked names and images are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use. All products at

[Order by Phone 1-800-956-5695](tel:1-800-956-5695) - Give Operator Reference #1927751

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

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	6.4
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	29.9
Viscosity Index (ASTM D2270)	174
Pour Point, °C (°F) (ASTM D97)	-56 (-69)
Flash Point, °C (°F) (ASTM D92)	102 (216)
Fire Point, °C (°F) (ASTM D92)	102 (216)
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**

AMSOIL INTERCEPTOR Synthetic 2-Stroke Oil is engineered for use in direct-fuel-injected (DFI), electronic-fuel-injected (EFI) and carbureted two-stroke snowmobiles, including those made by Polaris\*, BRP\*/Ski-Doo\* (Rotax\* E-TEC\* engines), Arctic Cat\* (C-TEC\* 2) and Yamaha\*.

Use where API TC oils are specified. 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.

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**WARRANTY SECURE®**

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](http://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](http://www.amsoil.com) or upon request at (715) 392-7101. **Keep Out of Reach of Children.** Recycle used oil and bottle.

**Three Top Snowmobile Brands  
One Exceptional Oil**

**Arctic Cat® ZR 6000**  
(2,000 miles)



**Polaris® Indy 600**  
(1,116 miles)



**Ski-Doo® MXZ 600 TNT**  
(1,327 miles)



• NO PISTON RING STICKING • NO PISTON SCUFFING



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