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DATA SHEET

INTERCEPTOR® Synthetic 2-Stroke Oil

A specialized oil for today's specialized engines

Two-stroke snowmobiles are meant to be ridden hard. However, aggressive all-day riding and repeatedly running your machine at wide-open throttle takes its toll on the engine. INTERCEPTOR Synthetic 2-Stroke Oil is engineered to be pushed as hard as the sleds it protects for maximum performance in all makes of two-stroke snowmobiles, including Ski-Doo,* Polaris* and Arctic Cat.* It is compatible with nearly all other two-stroke oils and its low-smoke, low-odor properties help ensure riders won't get "smoked out."

Anti-Scuff/Anti-Wear

Snowmobile engines have evolved to run on leaner gas-to-oil mixtures, increasing harmful friction and heat. INTERCEPTOR is formulated using high-molecular-weight synthetic 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. After a full season of abuse in a rental sled used in the Canadian Rockies, the anti-scuff/anti-wear formula kept pistons virtually carbon-free with nearly all coating intact (see below).

Excellent Deposit Control

INTERCEPTOR naturally resists harmful deposits due to its thermally stable synthetic design. It is additionally fortified with high-temperature detergency and dispersancy additives that provide excellent engine cleanliness. In field testing, INTERCEPTOR completely prevented exhaust power valve sticking for maximum performance.



- **Excellent** for all two-stroke snowmobiles
- **Prevents** piston ring & exhaust power valve sticking
- **Exceptional** cold-temperature fluidity (-63°F [-53°C] pour point)
- **Outstanding** performance in DFI engines
- **Protects** against wear
- **Low** smoke and odor
- **Helps** prevent plug fouling

AMSOIL FIGHTS WEAR

AMSOIL INTERCEPTOR® Synthetic 2-Stroke Oil delivered **outstanding wear protection and cleanliness** in a rental sled throughout 1,617 miles (2,602 km) of mountain abuse.^{CC}

AMSOIL kept pistons virtually free of carbon with nearly all coating intact.



AMSOIL fought the formation of carbon deposits, allowing power valves to move freely.



^{CC}Based upon use of a new 2019 Polaris® RMK® 850 as a rental sled at Grizzly Lodge December 2018 - February 2019. *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.



Typical Technical Properties

AMSOIL INTERCEPTOR® Synthetic 2-Stroke Oil (AIT)

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	6.5
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	30.7
Viscosity Index (ASTM D2270)	172
Pour Point, °C (°F) (ASTM D97)	-53 (-63)
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

INTERCEPTOR Field Trial Results

After a season of full-throttle abuse in the Canadian mountains, INTERCEPTOR kept power valves in a rental Polaris RMK 850 sled clean and working flawlessly. In addition, it protected the pistons despite extreme conditions, keeping nearly all coating intact. See the results on front page.

APPLICATIONS*

Use in all two-stroke snowmobiles, motorcycles, ATVs, PWCs and where API-TC and JASO FD oils are specified, including direct-fuel-injected (DFI), electronic-fuel-injected (EFI) and carbureted engines made by Polaris, BRP/Ski-Doo (Rotax E-TEC engines), Arctic Cat (C-TEC2 engines), Honda, Yamaha, Kawasaki and Suzuki.

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.

Runs on Freedom® Limited Snowmobile Warranty

Use AMSOIL INTERCEPTOR Synthetic 2-Stroke Oil exclusively in your current-model-year or newer sled and we'll cover engine repairs in the unlikely event of any engine breakdown for up to two years/5,000 miles/8,000 km. See AMSOIL.com/rof warranty for details.



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 AMSOIL.com or upon request at (715) 392-7101.

Keep Out of Reach of Children. Recycle used oil and bottle.

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