



## INTERCEPTOR® High-Performance Synthetic 2-Cycle Oil

Maximum Performance in all recreational motorsports applications

AMSOIL INTERCEPTOR Synthetic 2-Cycle Oil is formulated with a proprietary blend of the finest synthetic base oils and additives available today. This unique AMSOIL chemistry represents a breakthrough development in the field of two-cycle engine lubrication. The backbone of AMSOIL INTERCEPTOR 2-Cycle Oil is a specially developed, molecularly saturated synthetic base oil. This, combined with a robust additive package, ensures exceptional lubricity, cleanliness and optimum clean-burning characteristics.

Extensive research and testing, including a full snowmobiling season in severe Rocky Mountain applications, has proven that wear on cylinders, pistons and bearings is significantly reduced. And with up to 30 percent more detergency and dispersancy additives than typical two-cycle oils, AMSOIL INTERCEPTOR virtually eliminates hard carbon deposits that cause exhaust power valve sticking, ring sticking and preignition-promoting "hot spots" in the combustion chamber.



JASO FC • API TC

### Applications

AMSOIL INTERCEPTOR Synthetic 2-Cycle Oil is recommended as an injector oil or at a 50:1 mix ratio in carbureted, electronic fuel-injected (EFI), semi-direct fuel-injected (SDI) and direct fuel-injected (DFI) snowmobiles, personal watercraft, motorcycles, ATVs and jet boats, including, but not limited to, those manufactured by Bombardier®, Yamaha®, Arctic Cat®, Polaris®, Kawasaki®, Suzuki® and Honda®. It is recommended wherever JASO FC or API TC two-cycle oils are specified. INTERCEPTOR is a premium-quality replacement for recreational equipment manufacturers' branded two-cycle oils. It is compatible with most mineral and synthetic two-cycle oils; however, for best performance, mixing oils should be minimized.

- **Helps prevent hard carbon deposits that cause exhaust power valve sticking and ring sticking**
- **Superior lubricity controls cylinder, piston and bearing wear**
- **Reduces smoke and odor associated with two-cycle engines**
- **Helps prevent plug fouling**
- **Provides exceptional SAE #4 cold-temperature fluidity (-58°F pour point)**
- **Protects against rust**
- **Helps prevent preignition from combustion chamber "hot spots"**

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

Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	8.5
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	45.1
Viscosity Index (ASTM D-2270)	170
Pour Point, °C (°F) (ASTM D-97)	-50 (-58)
Flash Point, °C (°F) (ASTM D-92)	86 (187)
Fire Point, °C (°F) (ASTM D-92)	86 (187)
ASTM Brookfield Viscosity @ -40°C (°F), cP	12,100
SAE Fluidity/Miscibility	#4

**400,000 Miles of Severe Snowmobile Field Testing With No Deposit Buildup, Power Valve Sticking, Ring Sticking or Engine Failures.**

*Testing conducted during 2003 season*

Subjected to adverse field testing conditions in the Rocky Mountains, including long trail rides, high-RPM powder riding and steep hill climbs, AMSOIL INTERCEPTOR demonstrated superior wear protection and outstanding deposit control.



No carbon deposits are detectable in the functioning region of the exhaust power valves, resulting in "no-stick" performance and continuous valve operation during the field trial. Note: Excess oil was removed with solvent to reveal the true condition of the valves.



**2003 Arctic Cat 600**

Pistons show no scoring, little to no wear and no heavy deposits, and wrist pins show no discoloration from heat. In fact, the original machine markings on the pistons are still visible.



**2003 Arctic Cat 600**

Cylinder head is clean with no deposits, preventing pre-ignition problems.

**DANGER:** Harmful or fatal if swallowed. Contains synthetic lubricant and petroleum distillates. If swallowed do not induce vomiting. Contact a physician immediately. Avoid frequent or prolonged skin contact. Wash skin thoroughly with soap and water after handling. Avoid eye contact. Flush eyes with water for 15 minutes in case of contact. **KEEP OUT OF REACH OF CHILDREN.**



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

Brian Klinkner - Direct Jobber #1642716 - Ordering - 800-985-5823 - <http://www.SyntheticOilDistributor.com>