



*The First in Synthetics*®

## INTERCEPTOR™ High Performance Synthetic 2-Cycle Oil

JASO FC • API TC

### *Maximum Performance in All Recreational Motor Sports 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 pre-detonation promoting “hot spots” in the combustion chamber.

### *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) 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.

- ***Prevents 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.***
- ***Prevents plug fouling.***
- ***Provides exceptional SAE #4 cold temperature fluidity (-58°F pour point).***
- ***Protects against rust.***
- ***Prevents pre-detonation from combustion chamber “hot spots.”***



# 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.



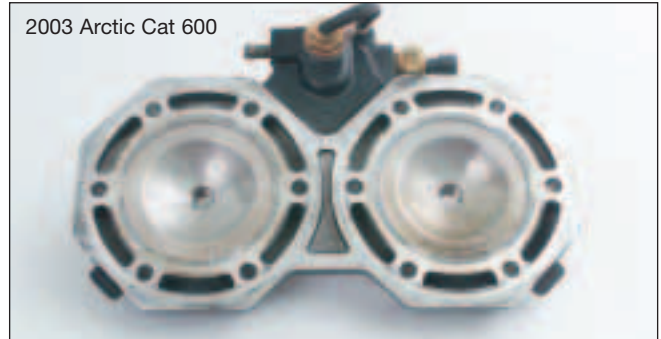
2003 Arctic Cat 600

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.

## TYPICAL TECHNICAL PROPERTIES

### INTERCEPTOR Synthetic 2-Cycle Oil

Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	8.0	Flash Point, °C (°F) (ASTM D-92)	84 (183)
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	40.9	Fire Point, °C (°F) (ASTM D-92)	84 (183)
Viscosity Index (ASTM D-2270)	174	ASTM Brookfield Viscosity @ -40°C (°F)	12800 cP
Pour Point, °C (°F) (ASTM D-97)	-50 (-58)	SAE Fluidity/Miscibility	#4

**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.

