



QUADRA-SYN

EXTREME POWER SYNTHETIC

Arctic Blue Synthetic Snowmobile Oil is specially formulated to provide superior engine protection in all high two cycle snowmobile engines using injector or premix fuel systems. This low ash, 100% synthetic formulation exceeds the highest requirements in the industry categories recognized by snowmobile manufacturers including API TC, ISO-EGD and the JASO FC standard.

Arctic Blue Synthetic Snowmobile Oil is formulated with the environment in mind. It exceeds the JASO FC smoke standard to such a level that visible exhaust smoke is essentially eliminated after warm-up. This lower smoke performance, combined with even lower odor engine exhaust than our **Arctic Blue Synthetic Snowmobile Oil**, is not only great for the environment but assures you the very best we can offer towards a more pleasant snowmobile ride. Low odor makes for an enjoyable ride and less smell on your clothes after riding.

PERFORMANCE BENEFITS

Exceeds All Major Snowmobile Manufacturers Recommendations **Arctic Blue Synthetic Snowmobile Oil** is specifically designed and will meet the requirements of all snowmobile manufacturers including:

Arctic Cat **Bombardier** **Polaris** **Yamaha**

Arctic Blue Synthetic Snowmobile Oil has been specifically designed to provide excellent performance in high performance - high output engines using variable exhaust systems such as RAVE and in racing conditions.

PROVEN PERFORMANCE

Arctic Blue Synthetic Snowmobile Oil has successfully completed a snowmobile trial in a high altitude commercial operation. After the field trial the engine parts showed no signs of piston scuff, ring stick or carbon build up. The performance of **Arctic Blue Synthetic Snowmobile Oil** in Rotax engines has been compared to results of 14 other oils competitive products tested by an independent laboratory. **Arctic Blue Synthetic Snowmobile Oil** exceeded all 14 oils tested in critical performance areas such as engine cleanliness and oil flowability. Exceeds the highest API, JASO, and ISO standards for detergency, lubricity, pre-ignition, exhaust system blocking and visible exhaust smoke. Designed to Perform with Unleaded Fuels at Fuel to Oil Ratios of up to 100:1. Proven performance when used in accordance with manufacturers recommended lubrication practices.

Reduction in Exhaust Smoke: **Arctic Blue Synthetic Snowmobile Oil** is specially formulated to exceed the JASO FC smoke emission standard and has been designed to essentially eliminate visible exhaust smoke after start up.

Superior Low Temperature Performance: The most severe low temperature industry standard is the SAE's Category 4 fluidity/miscibility test which is conducted at -40oC. Arctic Blue Synthetic Snowmobile Oil exceeds the Category 4 requirements. Selected formulation components provide an exceptional pour point of -57oC which means **Arctic Blue Synthetic Snowmobile Oil** will flow, and in the case of premix applications mix easily, at temperatures below -40oC.

Improved Lubricity and Scuffing Protection: Unique additive chemistry means **Arctic Blue Synthetic Snowmobile Oil** is capable of providing exceptional lubrication protection in all snowmobile applications.

Excellent Deposit Control: Through the use of high temperature dispersants and detergents, piston deposits are minimized which is essential in prolonging engine life and reducing piston ring stick.

Minimizes Spark Plug Fouling & Pre-ignition: Synthetic base oil, along with state of the art low ash additive technology, reduce deposits that can bridge spark plug electrodes. These deposits can shorten plug life and significantly affect power by causing the fuel/oil mixture to pre-ignite.

Protects Engines Against Rust: A film of oil and special surface active additives protect engines from the moist air taken in as air for combustion, as well as the water that forms as a result of combustion.



Power Valve Cleanliness
Ski-Doo MXZ Field Test
112 Hours (3 Seasons)



Power Valve Cleanliness
Suzuki RM85 Motorcycle Field Test
40 Hours (1 Season Racing Circuit)

TYPICAL PROPERTIES

Color		Amber
Kinematic Viscosity @ 100	cSt (ASTM D-445)	6.96
Kinematic Viscosity @ -40	cSt (ASTM D-445)	37.0
Viscosity Index (ASTM D-2270)		174
Pour Point	M D 97)	-54 (-65)
Flash Point	M D 92)	84 (183)
SAE Fluidity/Miscibility		#4