AMSOIL POWERSPORTS ANTIFREEZE & COOLANT

Product Code: PSAFQT-EA

Product Description

AMSOIL Powersports Antifreeze & Coolant is a pre-mixed 50/50 ethylene glycol coolant built specifically for the demands of powersports cooling systems. It delivers boil-over protection up to 226 degF (108 degC), freeze protection down to -34 degF (-37 degC), and a five-year service life in a convenient quart-sized package that fits the way powersports owners actually maintain their machines.

Powersports engines run hot and rev hard. Motorcycles, UTVs, ATVs, and snowmobiles push compact, high-output engines through extreme conditions, from slow-speed trail crawling with minimal airflow to wide-open desert runs in triple-digit heat. These cooling systems also use significantly more aluminum than automotive applications, which means not every coolant on the shelf is actually optimized for the job. Grab the wrong gallon jug of automotive coolant and you may be introducing borates, nitrites, or phosphates that can attack aluminum surfaces and accelerate corrosion in the places that matter most.

CONTROLS OPERATING TEMPERATURES IN HIGH-REVVING ENGINES

Small-displacement, high-revving powersports engines generate a lot of heat relative to their cooling system capacity. AMSOIL Powersports Antifreeze & Coolant uses an ethylene glycol formulation engineered for excellent heat transfer, helping prevent metal engine parts from overheating and expanding beyond tolerances. With boil-over protection up to 226 degF (108 degC), it keeps working even when a Kawasaki Teryx is grinding through slow Texas trails or a Yamaha Raptor 700R is hammering sand dunes with limited airflow across the radiator.

PRE-MIXED WITH HIGH-PURITY WATER FOR CLEAN COOLING SYSTEMS

Tap water introduces minerals that form scale and deposits inside cooling passages, gradually reducing heat transfer and raising operating temperatures. This coolant comes pre-mixed 50/50 with high-purity water, eliminating the guesswork and the risk. Robust anti-corrosion additives protect against scale, deposits, and corrosion that inhibit heat transfer and shorten component life. No measuring, no mixing, no mineral contamination.

OPTIMIZED FOR ALUMINUM-HEAVY POWERSPORTS COOLING SYSTEMS

Powersports cooling systems contain more aluminum than typical automotive systems. Cylinder heads, water pump housings, radiator cores, and engine cases are often all aluminum. AMSOIL Powersports Antifreeze & Coolant is specifically formulated to protect these components. It is also compatible with copper, brass and bronze alloys, and most common hose and gasket materials, helping prevent deterioration and leaks across the entire cooling system.

BORATE-, NITRITE-, AND PHOSPHATE-FREE EXTENDED-LIFE CHEMISTRY

Certain additives found in conventional coolants deplete quickly, forcing shorter service intervals. AMSOIL Powersports Antifreeze & Coolant uses an extended-life additive package free of borates, nitrites, and phosphates. These omissions are deliberate. Borates

and phosphates can contribute to deposit formation and are particularly problematic in aluminum-intensive cooling systems. The result is a coolant that lasts up to five years without the additive dropout that shortens the useful life of less advanced formulations.

ALL-SEASON FREEZE PROTECTION

Snowmobiles, cold-climate UTVs, and machines stored in unheated garages need freeze protection that holds up through deep winter. This coolant provides protection down to -34 degF (-37 degC), making it a true all-season solution for Honda Pioneer owners in Vermont, Polaris RZR riders in the Rockies, and four-stroke snowmobile operators across the northern states and Canada.

Specifications and Compatibility

AMSOIL Powersports Antifreeze & Coolant meets ASTM D3306, ASTM D4985, ASTM D6210, and ASTM D7583 specifications. It is suitable for use in all powersports applications requiring an ethylene glycol 50/50 premix engine coolant, including on-road and off-road motorcycles, UTVs, ATVs, snowmobiles, outboard motors, and personal watercraft. It is compatible with most other coolants for top-off situations, though mixing can make predicting freeze protection difficult. If mixing is unavoidable, flush the cooling system at the next convenient opportunity.

Service Life

AMSOIL Powersports Antifreeze & Coolant provides all-season protection for up to five years. Do not add water. Check and maintain coolant level at every oil-change interval and consult your owner's manual for additional maintenance guidelines.

Frequently Asked Questions

Q1: What vehicles and equipment is AMSOIL Powersports Antifreeze & Coolant designed for?

AMSOIL Powersports Antifreeze & Coolant (PSAFQT) is designed for hot-running, high-revving powersports applications. It covers a wide range of equipment types including motorcycles, ATVs, UTVs, snowmobiles, personal watercraft (PWC), marine outboard engines, and auto/light truck applications. Verified users report using it in vehicles such as Polaris RZR side-by-sides, Kawasaki Teryx UTVs, Honda Pioneers, and four-stroke snowmobiles.

Q2: How does AMSOIL Powersports Antifreeze & Coolant protect against overheating in high-performance engines?

AMSOIL Powersports Antifreeze & Coolant uses an ethylene-glycol formulation that provides excellent heat transfer, helping prevent metal engine parts from overheating and expanding beyond tolerances. It delivers boil-over protection up to 226 degF (108 degC), keeping engines protected in the toughest riding conditions. Its robust anti-corrosion additives also protect against scale, deposits, and corrosion, which can inhibit heat transfer and shorten component life if left unchecked.

Q3: What chemicals are excluded from AMSOIL Powersports Antifreeze & Coolant and why does that matter?

AMSOIL Powersports Antifreeze & Coolant is formulated free of phosphates, borates, nitrites, and 2-ethylhexanoic acid (2EH). These exclusions matter because these chemicals can be harmful to certain metals, gaskets, and seals commonly found in powersports cooling systems. The phosphate-, borate-, nitrite-, and 2EH-free formulation is specifically optimized to protect the increased aluminum content, copper, and brass/bronze alloys used in powersports engines.

Q4: How does AMSOIL Powersports Antifreeze & Coolant compare to mixing your own coolant with distilled water?

AMSOIL Powersports Antifreeze & Coolant comes pre-mixed at a 50/50 ratio with high-purity water, eliminating the need to measure and mix fluids yourself. The use of high-purity water is significant because it helps prevent scale and deposits that can form when using tap water or even some distilled water sources. This pre-mixed convenience ensures the correct concentration every time, providing consistent freeze protection down to -34 degF (-37 degC) and boil-over protection up to 226 degF (108 degC).

Q5: How long does AMSOIL Powersports Antifreeze & Coolant last before it needs to be replaced?

AMSOIL Powersports Antifreeze & Coolant features an extended-life formulation that provides all-season protection for up to five years. This long service life reduces time spent on maintenance compared to conventional coolants that may require more frequent replacement. The extended-life formula maintains its anti-corrosion properties and heat transfer performance throughout the full service interval.

Q6: Is AMSOIL Powersports Antifreeze & Coolant safe for aluminum radiators and compatible with other coolants?

Yes, AMSOIL Powersports Antifreeze & Coolant is specifically optimized to protect the metals found in powersports cooling systems, including increased aluminum content that is common in these applications. It is also safe for copper, brass/bronze alloys, and compatible with most common hose and gasket materials, helping prevent deterioration and leaks. Additionally, it is compatible with most other coolants, though using it unmixed will deliver the best performance and full five-year service life.

Available Product Codes

Product Code	Package Size	Unit of Measure
PSAFQT-EA	Quart Bottle	Each
PSAFQT-CA	Quart Bottle	Case of 12

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