

Samic Auto Cool 33%, 40%, 50-50, 100%

High Performance Radiator Coolant



Product Data Sheet

Product Description & Main Application

Samic Auto Cool radiator coolant is formulated with high quality corrosion inhibited Mono-Ethylene glycol liquid and carefully selected additives to provide year round automotive cooling system treatment. It is designed to provide complete cooling system protection in a concentration range of 33% to 100% by volume.

Performance & Customer Benefits

- High boiling point delivers better cooling performance in high temperature operating conditions.
- Enhanced Corrosion inhibited liquid protects Diesel & Gasoline engines and radiator parts against rust & corrosion.
- Excellent anti-foam properties.
- Compatible with ordinary summer coolants.
- Compatible with materials generally used in automotive cooling systems like rubber hoses, gaskets, seals and plastic components.
- Balanced additive system to guard against corrosion of cast iron, steel, copper and aluminum alloys used for engine and radiator components.

Specifications & Recommendations

Samic Auto Cool series meets or exceeds following International and Builder specifications:

- ASTM 3306
- British Standard - BS 6580

Typical Physical Characteristics

Samic Auto Cool	Test Method	Units	Value			
Grade	--	--	33%	40%	50-50	100%
Density @ 20 °C	ASTM D 4052	gm/cc	1.050	1.080	1.089	1.118
Color	ASTM D 1500	--	Green	Green	Green	Green
pH	ASTM D 1287	--	7.9	8.0	8.0	9.6
Boiling Point	ASTM D 1120	°C	>105	>135	>140	150 min
Flash Point	ASTM D 92	°C	>110	>110	>110	110 min
Freezing Point	ASTM D 1177	°C	<-18	<-27	<-36	N/A

The above figures are typical of blends with normal production tolerance and do not constitute a specification.

Procedure to use:

- Drain the previous radiator coolant according to the instructions provided by the vehicle manufacturer.
- In order to remove all traces of old fluid, flush the cooling system with clean water.
- Remove drain plug or bottom of radiator hose as appropriate to drain the flushing fluid.
- Refer to Owner's Manual for volume of the engine coolant to be used in the system. Use at least (33%) of Pre-diluted radiator coolant to obtain a significant improvement in cavitation performance and cooling system protection. Top-up the engine cooling system with soft or de-mineralized water. This mixture will give effective corrosion protection.

For further information, please contact: sales@samiclubricants.com