Barsol K-105 Gold Global Extended Life Coolant

Specification Sheet

Test/Property	Method	Result
Color	Visual	Yellow
Relative Density (Specific Gravity)	ASTM D1122	1.123
Freeze Point @ 60% in Water	ASTM D1177	-38° F (-39° C)
Boiling Point (Heat)	ASTM D1120	336° F (169° C)
Boiling Point (50% in Water)	ASTM D1120	226° F (108° C)
pH 50% in Water	ASTM D1287	10.8
Effect on Auto Finish	ASTM D1882	No Effect
Chloride	ASTM D3634	9 ppm
Water Content	ASTM D1123	3.1%
Reserve Alkalinity	ASTM D1121	59.
Foaming Tendencies	ASTM D1881	50 ml / 1.6 sec. Break Time
Silicate as Si	ASTM D6130	250
Nitrite (NO_2)	ASTM D5827	2600
Molybdate (MoO_4)	ASTM D5827	<1
Phosphate as P	ASTM D6130	<1
Sebacic Acid	HPLC	800
Corrosion of Heat Rejecting Aluminum Surface	ASTM D4340	-0.01 mg/cm^2/week
Cavitation/Erosion-Corrosion of Aluminum Water Pump	ASTM D2809	9
Corrosion in Glassware	ASTM D1384	Copper 3 mg Solder 1 mg Brass 2 mg Steel 2 mg Cast Iron 2 mg Cast Aluminum -2 mg
Simulated Service	ASTM D2570	Copper 3 mg Solder 5 mg Brass 3 mg Steel 2 mg Cast Iron 0 mg Cast Aluminum 1 mg
Glycol %	ASTM E202	95.0% Min
Military Compatibility		Pass
Military Storage Stability		Pass

If used as directed, Barsol K-105 will provide satisfactory performance in most cars and trucks including the following:

ASTM D-6210

ASTM D-3306

US Military CID
A-A 52624-A

Chrysler (all)

Cummins Engine

Detroit Diesel Corp
(93K217)

Ford Motor Co.

TMC RP-329/330

Mack Trucks

CNH
(Case, New Holland)

Thermo-King

International Truck & Engine Company

Volvo Trucks

Freightliner

Mercedes (all)
John Deere (all)

Caterpiller
(DEA C Type)