

DIESEL ENGINE COOLANT (GM6038M)**PERFORMANCE TESTING****Glassware Corrosion Test -- ASTM D-1384**

	Coupon Weight Loss, (mg)	
METAL	DIESEL ENGINE COOLANT (GM6038M)	ASTM SPEC. MAX.
Copper	1	10
Solder	7	30
Brass	2	10
Steel	0	10
Cast Iron	+2	10
Aluminum	1	30

Aluminum Pump Cavitation Test -- ASTM D-2809

	DIESEL ENGINE COOLANT (GM6038M)	ASTM SPEC. MIN.
Rating	9+	8
SHELF LIFE STABILITY Diesel Engine Coolant (GM6038M)	>2 Years	

PHYSICAL & CHEMICAL PROPERTIES

	DIESEL ENGINE COOLANT (GM6038M)	TEST METHOD
pH		ASTM* D-1287
100%	11.0 Max.	
50%	10.5-10.9	
33 1/3%	10.0 Min.	
Reserve Alkalinity (ml)	18.0	ASTM D-1121
Specific Gravity 15.9C/15.9C	1.110-1.145	ASTM D-1122
Equilibrium Boiling	150C Min.	ASTM D-1120
Freeze Point (% by volume)		ASTM D-1177
50% Aqueous Solution	-37C	
Foaming		ASTM D-1881
Foam Height (ml)	50 Max.	
Break Time (sec.)	5 Max.	
Flash Point	116C Min.	ASTM D-92
Fire Point	120C Min.	
Ash Content (% by weight)	2 Max.	ASTM D-1119
Odour	Characteristic	
Colour	Dow Standard	
Composition (% by weight)		
Total Glycols	95.0 Min.	
Inhibitors and Dye	2.0 Min.	
Total Apparent Water	3.5 Max.	
Chloride ppm	25	

*Reference American Society For Testing and Materials

Diesel Engine Coolant (GM6038M) is a low silicate containing engine coolant which is specifically formulated for use in diesel engines. It contains a carefully balanced additive package which provides corrosion protection for cast iron, steel, solder, copper, and brass. Diesel Engine Coolant (GM6038M) does not offer a degree of aluminum compatibility and will protect aluminum elbows, thermostat housings and water pumps, but it is not recommended for use in engines that contain heat rejecting aluminum (i.e. heads or blocks).

In addition, Diesel Engine Coolant meets or exceeds the following coolant specifications:

American Society For Testing and Standards (ASTM)	D-3306
Canadian General Standards Board (CGSB)	Can. 2-3.890.M83
General Motors	GM 1899M GM6038M
Regular Common Carrier Conference	RP 302
Society For Automotive Engineers (SAE)	J1034

Diesel Engine Coolant (GM6038M) is an excellent value for engine protection.

Our oil lab offers a high tech analysis for used coolant or for your source water. Avoid coolant related problems by taking advantage of this economical service twice each year or every 1,000 hours of operation.

SURE-CRAFT Low Silicate Diesel Engine Antifreeze is manufactured for Finning by Dow Chemical.