



Product Bulletin

GULF CHARGE COOLANT & ANTIFREEZE

Gulf Charge Coolant & Antifreeze is “pre-charged” to contain the initial dose of supplemental coolant additives (SCAs) for optimum performance in heavy duty diesel engines. **Gulf Charge** is a phosphate-free coolant that contains premium virgin ethylene glycol along with a unique nitrite inhibitor package that provides superior wet sleeve liner cavitation protection for all heavy duty cooling system applications. **Gulf Charge** is a low silicate, phosphate-free antifreeze that meets or exceeds most Heavy Duty and Automobile specifications. **Gulf Charge** requires no SCAs at initial fill, which ensures proper performance balance at every top-off. **Gulf Charge** is available as a convenient 50/50 prediluted antifreeze that requires no need to add water.

Product Reference:

Gulf Charge Coolant & Antifreeze – **Product Number 841140**

Gulf Charge 50/50 Prediluted Coolant & Antifreeze – **Product Number 841142**

Performance Features:

- No initial SCA pre-charge required
- Phosphate-free, low silicate formulation
- Excellent pitting protection for wet sleeve cylinder liners
- Compatible with other major brands of coolant
- Outstanding long-term corrosion protection for all standard metal alloys found in radiator systems (aluminum, brass, cast iron, solder and copper)

**Suitable Where the Following are Recommended:

HEAVY DUTY

- ASTM D-4985, D-6210
- Caterpillar
- Cummins 14603
- Detroit Diesel 7SE298
- Freightliner 48-22880
- GM 1899M
- John Deere H24A1
- John Deere H24C1
- MTU
- Mack Truck
- Navistar B-1
- TMC RP 329
- Volvo-GM Heavy Truck

AUTOMOTIVE

- ASTM D 3306
- ASTM D 4340
- CID A-A 52624
- Chrysler MS 7170
- Ford ESE-M97B44-A
- GM 1825M

Properties	Typical Specifications	ASTM Test Method
Specific Gravity	1.125	D-1122
Foam Test, ml/sec	<50/3	D-1882
Reserve Alkalinity	6.0	D-1121
pH, 50% Volume	10.8	D-1287
Color	Fuchsia	-
Bittering Agent	Yes	-
Antifreeze / Water %,50/50 Freeze Point	-34°F (-36°C)	D-1177
Antifreeze / Water %,60/40 Freeze Point	-62°F (-52°C)	D-1177
Antifreeze / Water %,50/50 Boil Point*	226°F (108°C)	D-1120

*With a 15 psi pressure cap

**Meets performance requirements but may or may not meet certain chemical requirements.

AVAILABILITY: **Gulf Charge Coolant & Antifreeze** is available throughout Gulf Lubricants’ marketing area. Your sales representative can provide specific information. Need additional information? Call Gulf Lubricants @ 1-800-566-Gulf (4853) or visit www.gulflubricants.net.