



# Product Bulletin

## GULF CHARGE COOLANT & ANTIFREEZE 50/50 PREDILUTED

**Gulf Charge Coolant & Antifreeze 50/50 Prediluted** is “pre-charged” to contain the initial dose of supplemental coolant additives (SCAs) for optimum performance in heavy duty diesel engines. **Gulf Charge 50/50** 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 50/50** is a low silicate, phosphate-free antifreeze that meets or exceeds most Heavy Duty and Automobile specifications. **Gulf Charge 50/50** requires no SCAs at initial fill, which ensures proper performance balance at every top-off.

**Product Reference:** Gulf Charge Coolant & Antifreeze 50/50 Prediluted – **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:
<b>HEAVY DUTY</b> <ul style="list-style-type: none"> <li>• ASTM D-4985, D-6210</li> <li>• Caterpillar</li> <li>• Cummins 14603</li> <li>• Detroit Diesel 7SE298</li> <li>• Freightliner 48-22880</li> <li>• GM 1899M</li> <li>• John Deere H24A1</li> <li>• John Deere H24C1</li> <li>• MTU</li> <li>• Mack Truck</li> <li>• Navistar B-1</li> <li>• TMC RP 329</li> <li>• Volvo-GM Heavy Truck</li> </ul>
<b>AUTOMOTIVE</b> <ul style="list-style-type: none"> <li>• ASTM D 3306</li> <li>• ASTM D 4340</li> <li>• CID A-A 52624</li> <li>• Chrysler MS 7170</li> <li>• Ford ESE-M97B44-A</li> <li>• GM 1825M</li> </ul>

Properties	Typical Specifications	ASTM Test Method
Specific Gravity	1.075	D-1122
Foam Test, ml/sec	<50/3	D-1882
Reserve Alkalinity	3.0	D-1121
pH, 50% Volume	10.5	D-1287
Color	Fuchsia	-
Bittering Agent	Yes	-
Antifreeze / Water %,50/50 Freeze Point	-34°F (-36°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 50/50 Prediluted** 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](http://www.gulflubricants.net).