



Product Bulletin

ALL SEASON ANTIFREEZE & COOLANT

Gulf All Season Antifreeze & Coolant is a superior quality ethylene glycol based engine coolant with a low silicate corrosion inhibitor package. This product protects coolant system metals, including heat-rejecting aluminum, against pitting caused by cavitation and corrosion. It provides exceptional cooling in summer and excellent protection against freezing in the winter. It is recommended for use in older model domestic and foreign cars and light duty trucks and will provide up to **50,000 miles or 2 years** service life when installed as initial fill, or after a complete flush and cleaning of a cooling system in reasonable condition. It is compatible with supplemental coolant additives (SCA) and coolant filters and thus can be used in heavy duty diesel coolant systems when pre-charged with SCA.

Note: Never use 100% coolant in concentrated form. A 50% dilution (i.e. when mixed with an equal volume of high quality soft, de-ionized or distilled water) is generally recommended for the best balance of protection against freezing, corrosion and summer boil over. For increased freeze protection in extremely cold areas, a 60% volume concentration can be used. Concentrations of greater than 70% by volume are not recommended.

Product Reference:

Gulf All Season Antifreeze & Coolant **Concentrate** – Product Number 841110
 Gulf All Season Antifreeze & Coolant 50/50 Premixed – Product Number 841112

Performance Features:

- Low silicate and aluminum compatible
- Protects against winter freezing and summer boil over
- Recommended for older model domestic and foreign cars and light duty trucks
- Prevents pitting caused by cavitation and corrosion of brass, copper, solder, steel, cast iron and aluminum

Properties	Typical Specifications	ASTM Test Method
Specific Gravity @ 60°F	1.110 – 1.140	D1122
pH, 50% V	10 - 11	D1287
Freeze point (°C/°F), 50% premixed	-37 / -34	D1177
Foam volume (mL)	150 max.	D1881
Foam break time (seconds)	5 max.	D1881
Color	Green	-
Reserve Alkalinity, (mL)	6.0 min.	D1121
Silicon, ppm	250 Max	D6130
Chloride (ppm)	25 max.	D3634
Glycol Content (wtg.%)	95 min.	-
Inhibitors and Water Content (wtg.%)	5 max.	-
Bittering Agent	Yes	-

Meets the following specifications:
<ul style="list-style-type: none"> • ASTM D 3306 • ASTM 4985 • Chrysler MS 7170 • Ford ESE-M97B44-A • GM 1825M • GM 1899M • TMC RP 302B

AVAILABILITY:

Gulf All Season Antifreeze & Coolant is available throughout Gulf Lubricants' marketing area. Your sales representative can provide specific information. Need additional information? Please visit www.gulflubricants.net.