



## **Product Data Sheet**

## All Season Antifreeze

### Conventional, Green Coolant

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

#### **Features and Benefits**

- 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













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### **Applications**

- **ASTM D 3306**
- **ASTM 4985**
- GM 1825M
- TMC RP 302B

- Chrysler MS 7170
- Ford ESE-M97B44-A
- GM 1899M
- Cummins 90T8-4

## **Typical Properties**

Product Code - 841110	ASTM Test Method	Typical Specifications
Specific Gravity @ 60°F	D1122	1.110 – 1.140
pH, 50% V	D1287	10 - 11
Freeze point (°C/°F), 50% premixed	D1177	-37 / -34
Foam volume (mL)	D1881	150 max.
Foam break time (seconds)	D1881	5 max.
Color	-	Green
Reserve Alkalinity, (mL)	D1121	6.0 min.
Silicon, ppm	D6130	250 Max
Chloride (ppm)	D3634	25 max.
Glycol Content (wgt.%)	-	95 min.
Inhibitors and Water Content (wgt.%)	-	5 max.
Bittering Agent	-	Yes

These properties are typical of current production, minor variations are to be expected in normal manufacturing.

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