



a GFL product  
[gflenv.com](http://gflenv.com)  
[eco-freez.com](http://eco-freez.com)

**Ecofreez Heavy-Duty Premium Coolant provides the following advantages:**

- Protection for up to 3,000 hours or 300,000km
- Freeze protection to -37C and boil-over to 129C at a 50/50 vol.% dilution
- Low silicate and phosphate free
- Pre-charged; DOES NOT require initial charge of SCA
- Protects coolant system metals such as brass, copper, solder, steel cast iron and aluminum
- Contains Bitrex, a bittering agent that makes the antifreeze less appealing to animals and children
- Pre-mixed with de-ionized water

**Ecofreez Heavy-Duty Coolant meets the following industry performance requirements as a pre-mixed antifreeze/ coolant:**

- ASTM D3306, D4985, D6210
- S/NZS 2108:2004 TYPE A
- BS 6580
- Chrysler MS7170
- DDC 7SE298, 93K217
- GM 1825M and 1899M and Heavy Truck
- Freightliner 48-22880

**Recommended for use with:**

- Cummins Bulletin 3666132
- Ford ESE-M97B44-A, ESE-M97B18-C
- IT&E CEMS-B1
- Kenworth R026-170-97
- Mack
- New Holland WSN-M97B18-D
- PACCAR
- Volvo Heavy Truck
- Peterbilt 8502-002
- Scania 6901
- SAE J1034 and J1941
- TMC RP 329A

**HEAVY-DUTY PREMIUM COOLANT**

Ecofreez Heavy-Duty Premium Coolant is a superior pre-charged, traditional, reclaimed, ethylene glycol based engine coolant based on a proprietary formulation of corrosion inhibitors.

The low silicate level of this aluminum compatible product allows it to be used in multi-vehicle fleets including automotive, light duty and heavy duty diesel applications such as on-road truck, off-road and farm applications. It is suitable for use where a silicated engine coolant is recommended for natural gas engine applications.

This product is phosphate and amine free and does not require an initial charge of supplemental coolant additives (SCA). It is specially formulated to protect diesel wet sleeve liners and is compatible with coolant filters, heavy-duty diesel SCAs, hard water and other traditional fully formulated corrosion inhibited engine coolants. It provides protection to all coolant system materials including heat rejecting aluminum, and protects against pitting caused by cavitation and corrosion. It is recommended for use where a heavy-duty diesel coolant is required and will provide protection for up to 3,000 hours or 300,000 km.



**Typical Product Properties**

| Characteristics                      | Performance   | Test Method |
|--------------------------------------|---------------|-------------|
| pH                                   | 10 – 11       | ASTM D1287  |
| Specific gravity*                    | 1.070 – 1.090 | ASTM D1122  |
| Freeze point, °C/°F                  | -37/-34       | ASTM D1177  |
| Foam volume, ml                      | 150 max.      | ASTM D1881  |
| Foam break time, second              | 5 max.        | ASTM D1881  |
| Reserve Alkalinity, ml               | 4.0 min.      | ASTM D1121  |
| Chloride, ppm                        | 25 max.       | ASTM D3634  |
| Silicon (from silicate), ppm         | 125 max.      | ASTM D6130  |
| Colour                               | Green/Purple  |             |
| Glycol Content (wgt.%)               | 53 min.       |             |
| Inhibitors and Water Content (wgt.%) | 47 max.       |             |

\* Measured at 15.6°C/60°F

**DO NOT ADD WATER TO MIXTURE**