

DESCRIPTION

Petrogulf COOLWAVE Long Life Coolants are ready to use ethylene glycol-based coolant, using Organic Acid Technology (OAT) corrosion inhibitors, designed to control the temperature in liquid-cooled internal combustion engines, from cold start-up, where the anti-freeze prevents the coolant from freezing to high operating temperatures, where the coolant prevents summer boil over, protecting the engine all year round.

Ethylene glycol-based, nitrite, amine, silicate, borate and phosphate-free product, suitable for use in engines in passenger cars, light trucks, and heavy-duty vehicles used in a variety of industries, including off-road, and heavy-duty applications such as construction, farming, and mining.

APPLICATIONS

Petrogulf COOLWAVE Long Life Coolants is works on all engines employing cast iron, aluminum, copper or combination of these metals used in modern engines and heavy duty engines where environmental controls are severe and where OEMs recommend extended life and salt free coolants. It is applicable in mixed fleet as well as marine cooling systems. Auto Cool protects cooling systems of gasoline and diesel engine against rust in all seasons. Especially recommended for CHP engines working under severe working conditions. It provides ideal cooling, effective protection against corrosion and scale deposit formation in the cooling systems year-round, resulting in longer radiator life

KEY FEATURES & BENEFITS

- Protection for at least 650,000 km (8,000) hours for trucks and bus, 250,000 km (6,000hrs) for passenger cars or 32,000 hours (5 years) for stationery engines,
- High boiling point gives better cooling performance in high temperature condition.
- Excellent anti-foam properties. - Protects the radiator against rust & corrosion.
- Compatible with ordinary summer coolant.
- Protection against excessive evaporation.
- Provides year round cooling properties

SPECIFICATIONS AND APPROVALS

Is suitable for use where the following specifications are required:

- ASTM D3306 (III), BSI 6580

This product is premixed and ready for use and should not be diluted further, do not add any more water to this product

TYPICAL CHARACTERISTICS

PETROGULF LL COOLANT	COMPLY		
Glycol Content, %	33	50	100
Density @ 20°C, Kg/L	33%	50%	100%
Reserve Alkalinity, ml	1.050	1.072	1.111
pH	2.0	2.2	2.2
Freezing Point, °C	8.40	8.62	8.69
Equilibrium Boiling Point, °C	-26	-42	-34
Foam, break time, sec	104 min	110 min	140 min
Color Visual	<2	<2	<2
Colour	Fluorescent GREEN	Fluorescent GREEN	Fluorescent GREEN

**These characteristics are typical of current production. Whilst future production will conform to Petrogulf specification, variations in these Characteristics may occur. The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel Injection is used.*

MEG Concentration level	33%	50%	100%
PRODUCT CODE	32447000000	32430000000	32431000000

Handling, Health and Safety

- In normal conditions of use, this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- Prevent any splashing, and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off the used oil correctly; don't pour down drains, into watercourses or the soil.
- PetroGulf will not accept liability if the product is used other than in manner or with the precautions, or for the purpose specified. Before the product is used other than directed advice should be obtained from PetroGulf local office.