

PETROGULF Extended Coolant and Anti-Freeze

PRODUCT INFORMATION

PetroGulf Coolant is an ultra high performance environmentally sensitive coolant, anti-freeze and corrosion inhibitor formulated with unique, leading-edge extended life technology. Petrogulf Coolant is a premium quality monoethylene glycol based antifreeze coolant, formulated especially for prolonged corrosion protection for the modern generation engines. The special additives fortified in the coolant ensure multiple benefits to the users. It delivers exceptional cooling, antifreeze and corrosion protection to both gasoline passenger car systems, and diesel engines in light heavy-duty service.

FEATURES & BENEFITS

- ✚ Provides effective cooling without boiling.
- ✚ Protection against frost, depending on the concentration.
- ✚ Maintains a clean cooling system with protection from scales and sludge deposits.
- ✚ Protection against corrosion of the alloys used in the cooling system.
- ✚ Provides protection against cavitation corrosion and prevention against electrolysis.

APPLICATIONS

- ✚ Passenger car gasoline and diesel engines.
- ✚ Light-duty commercial vehicle gasoline and diesel engines
- ✚ Heavy-duty diesel engines fitted with “wet” or “dry” liners, in both on-and-off-highway service
- ✚ High temperature aluminum engine blocks

ADVISE

The antifreeze coolant must be diluted with clean water (preferably demineralized) to a concentration between 30% and 60% based on the engine manufacturer’s recommendation. The lower concentration of 30% provides satisfactory protection against corrosion in lighter vehicles whereas 50% is the recommended for better degree of protection in the larger diesel engines.

TYPICAL CHARACTERISTICS

PetroGulf Extended Coolant & Anti-Freeze					
Amount of Engine Coolant in Water (vol)	100 %	60 %	50 %	40 %	33%
Density, kg/L @ 15 ^o C	1.11	1.10	1.06	1.05	1.04
Boiling Point, ^o C	198	115	110	108	106
pH	8.5	8.5	8.5	8.3	8.3
Reserve Alkalinity, ml	14.5	13.0	12.0	11.5	11.0
Freezing Point, ^o C	-80	-50	-35	-25	-15

These characteristics are typical of current production. Whilst future production will conform to PetroGulf’s specification, variations in these characteristics may occur.

HANDLING, HEALTH AND SAFETY

- ✚ Lubricants under normal conditions of use, 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 used oil correctly; don’t pour down drains, into water courses or the soil.
- ✚ Take used oil to an authorized collection point.
- ✚ Petrogulf will not accept any liability if the product is used other than in manner or with precautions for the purpose specified, and hence advice should be obtained from PetroGulf’s local office.