



COSMOS COOLANT

COSMOS Coolant is an ultra-high performance environmentally sensitive coolant, anti-freeze and corrosion inhibitor formulated with unique, leading-edge extended life technology. **COSMOS Radiator Coolant** is a premium quality mono-ethylene 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 fitted with wet or dry liners in both on and off highway 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.

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 concentration for better degree of protection in the larger diesel engines.

TYPICAL CHARACTERISTICS

Properties	Typical Value				
Amount of Engine coolant in water(volume)	100%	60%	50%	40%	33%
Density @ 15°C	1.11	1.10	1.06	1.05	1.04
Boiling Point, °C	198	115	110	108	106
pH	8.5	8.5	8.5	8.3	8.3
Reserved Alkalinity, ml	14.5	13.0	12.0	11.5	11.0
Freezing Point, °C	-80	-50	-35	-25	-15

****These characteristics are typical of current production. Whilst future production will conform to COSMOS'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.
- COSMOS will not accept any liability if the product is used other than in manner or with the precautions for the purpose specified, and hence advice should be obtained from COSMOS's local office.