



RADIATOR COOLANT 33/67 *(READY TO USE COOLANT)*



DESCRIPTION

PATROL OIL RADIATOR COOLANT is a specially formulated ready to use engine coolant, for both petrol and diesel engines, it is mixture of mono-ethylene glycol and selected chemical agents to provide outstanding all round protection.

APPLICATIONS

PATROL OIL RADIATOR COOLANT is suitable for the cooling systems of all types of passenger vehicles, 4WD's, light & heavy commercial vehicles, stationary engines and motorcycles. It can be used to top up both Organic Acid Technology (OAT) & Hybrid Type-A anti-freeze/anti boil coolants as well as Type-B inhibitor only solutions. It is safe to use wherever anti-freeze / anti-boil / anti-corrosion properties are required and with all fuel types such as petrol, LPG, dual fuel, light & heavy duty diesel. It is pre-diluted with demineralized water making the product ready to use right out of the bottle.

PROPERTIES

PATROL OIL RADIATOR COOLANT is a hybrid antifreeze, containing the combination of organic additive technology inhibitors boosted with borate, nitrite, nitrate, molybdate and silicate inorganic corrosion inhibitors. It is a low silicate, phosphate and amine free antifreeze suitable for heavy-duty applications without supplemental coolant additives.

PRODUCT BENEFITS

- Protects all internal surfaces from corrosion, including aluminum.
- Long life coolant & inhibitor pack.
- Phosphate free formulation.
- Ready to use - no mixing
- Effective engine cooling without boiling.
- A clean cooling system with protection from sludge and scale deposits.
- Compatible with all coolant types.
- Will not discolor original coolant.
- Compatible with plastics, rubbers and seals.
- Efficient lubrication of water pumps.
- Compatibility with rubbers
- Protection against frost.
- Prevention against electrolysis.
- Protection against cavitation's corrosion.

RECOMMENDATIONS / SPECIFICATIONS

MEETS OR EXCEEDS

AS2108-2004 Type A, ASTM D3306/4985, BS 6580, JIS K 2234-97, Class 2, Jaguar M97-B44D, Bentley, Caterpillar EC-1, Cummins 85T8-2/CESMG03, Chrysler MS-9769, Deutz AG 0199-99-1115/2091, Federal Standard O-A-548D, Fiat 955523/NC 956-16, Ford M97-B44A/B44D/51A, German Army TL6850-0038/1, GM 6277M/1825M/1899M, Holden HN2217/HN2043, Jenbacher TA 1000-0201, JI Case JIC 501, JIS K2234 (Japan), JCB STD 0088, JASO M325 (Japan), John Deere JDM H24, Komatsu KES 07.892, KSM 2142 (Korea), TMC RP329, Leyland BLS.22.AF.01, Liebherr MD 1-36-130, Mack 014 GS 17009, Mercedes MB 325.3/326.0/326.3 (Premix Only), Navistar B1 Type III, Mitsubishi ES-X64217, MTU MTL 5048, Renault 41-01-001Q Type D, Nissan NES M5059, Opel B 040 1065, QL 13D100, SAE J1034, Rover BLS.22.AF.01, SAAB GM6277, Scania T1.02-98 0813, , UNE 26.361.88, Toyota Long Life TSK2601G, Vauxhall B 040 1065, Volvo VCS, VW, Skoda, Seat TL-774-C (G11), VW, Audi, Skoda, Seat, Lamborghini TL 774-D/F (G12/G12+)

TYPICAL TECHNICAL PROPERTIES

Concentration , %	33
Specific Gravity 15.6°C (ASTM D 1122), g/mL	1.077
pH (ASTM D 1287)	9.0
Freeze Point 50% volume (ASTM D 1177), °C	-20
Reflux boiling point (ASTM D 1120), °C	106

Note: These characteristics are typical of current production. While future production will conform to PATROL's specification, variations in these characteristics may occur.

Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request. This product should not be used for purposes other than its intended use. If disposing off used product, take care to protect the environment.

