MOGAS RADIATOR FLUID CONC 100

Concentrate Antifreeze Coolant for Engine Cooling Systems

Technical Data Sheet

Specification and Approvals

SAE J 1034, ASTM D 4985,
Motors GM 1899M (GM 6038M),
Chrysler MS 7170,
John Deere H24B1/24C1,
Cummins 90T8-4,
Ford EZE M-97B44-A, Detroit Diesel and a host of many other international specifications.

Description

MOGAS Radiator Fluid Conc 100 is a superior quality, single phase, mono-ethylene glycol product. It is a low silicate, all-purpose coolant designed for use in both heavy-duty diesel and automotive use, particularly those containing aluminum alloys. MOGAS Radiator Fluid Conc 100 is NAP free (Nitrites, Amines and Phosphates).

Features and Benefits

- Corrosion protection provides improved engine reliability and durability
- Frost protection enable its protection against engine damage in the winter
- Boiling protection for ability to control of overheating, coolant loss and breakdown at high engine temperatures
- Miscibility & Seal compatibility for ease of mixing with water and is suitable for general use in all vehicle engines
- Hard water stability to avoids deposits in the engine when used with hard water
- Adequate operating temperature range against boiling and freezing of the coolant.
- Excellent protection against corrosion of ferrous, yellow and alloy metals, including aluminum.
- Prevents cavitation and prolongs life of water pumps.
- Does not affect rubber hoses and seals.

Applications

MOGAS Radiator Fluid Conc 100 is suitable for use in vehicles requiring a conventional radiator cooling systems in internal combustion engines. For optimum year-round protection against freezing, boiling and water corrosion, a 50% MOGAS Radiator fluid Concentrate (1 part coolant to 1 part water) is recommended. For maximum protection against freezing in extremely cold areas, a 60% solution (3 parts coolant to 2 parts Water) can be used.

Never dilute product to less than 30% MOGAS Radiator Fluid Conc 100 (1part Coolant: 3parts Water) as this will diminish the corrosion protection of the final fluid mix. Concentrations greater than 67% are not recommended.

For "Topping up" you may fill the Coolant directly into the expansion container and let the engine run warm.

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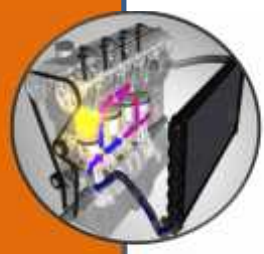

The advanced corrosion inhibitor technology provides for longer service intervals – under normal conditions up to 3 years or 50.000km.

Test Parameters		Test Method	Value
Density at 15 ºC	Kg/L	ASTM D 4052	1.120 – 1.140
Equilibrium Boiling Point, undiluted	°C	ASTM D 1120	174
Freezing point @ 50% in water 33% in water	ºC	ASTM D 1177	-33 -18
Concentration of ethylene glycol	l%		50
PH @ 33 volume % solution in water		ASTM D 1287	8.2 – 9.0
Reserve alkalinity, 0.1 N HCL	mL	ASTM D 1121	14.0
Refractive index at 20 ^{o}C (5g)	nD	ASTM D 1747	1.432 –1.436
Silicate content - Na_2SiO_3	m%	ICP	0.09

The typical characteristics mentioned represent mean values

Store at ambient temperatures and periods of exposure to temperatures above 35°C should be minimized. As with any High Mileage Coolant/Antifreeze coolant the use of galvanized steel is not recommended for pipes or any other parts of the storage/mixing installation

Health and Safety

Warning:

Contains ethylene glycol. Harmful or fatal if swallowed. May cause CNS depression. DO NOT take internally. If swallowed, IMMEDIATELY contact a poison control centre, emergency treatment centre or physician. Wash thoroughly after handling. Do not store in open or unlabeled containers. Dispose of used product properly. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Protect the Environment; take used coolant to an authorized collection point. Do not discharge into drains, soil or water.

Contains bittering agent to aid in preventing swallowing.

This product used as per our recommendation for the intended application is not expected to produce any particular risk. A safety data sheet of it is available upon request from our sales contact office or on our website. In case of used oil disposal, please respect the Regulations to protect the environment.

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