



Castrol Radicool SF-O

Engine coolant and antifreeze concentrate

Description

Castrol Radicool SF-O is a silicate free concentrate antifreeze, formulated using advanced organic acid technology (OAT).

Castrol Radicool SF-O works over a wide operating temperature range for effective engine cooling in all climates.

Castrol Radicool SF-O should be diluted with deionised water to between 33% and 50% concentration. For optimum performance it is recommended that a 50% mixture in water is used. To give freezing protection from -18°C to -36°C.

Application

Castrol Radicool SF-O is a long-life coolant based on monoethyleneglycol. It is suitable for use in a wide range of vehicles, including cars, trucks and buses, for both petrol and diesel engines. In contrast to traditional antifreeze coolants, Castrol Radicool SF-O does not contain Amines, Nitrites, Phosphates, Silicates or other inorganic inhibitors.

For maximum performance Castrol Radicool SF-O should not be mixed with other coolants. It is therefore recommended that cooling systems should be drained and flushed before re-filling with diluted Castrol Radicool SF-O.

Advantages

The special inhibitor package used in Castrol Radicool SF-O enables longer drain intervals with optimal protection against corrosion, cooling system blockage, overheating and freezing.

Other benefits are:

- Longer operational life by allowing extended drain intervals of 3 years plus
- Longer life means reduced costs and less possibility of harm to the environment
- Outstanding corrosion protection and cooling performance in engines employing cast iron and / or aluminium
- Systems with aluminium and / or copper alloys.
- The additive technology in the product prevents build-up of calcium deposits from top up with hard water.
- Its formulation is based on monoethylene glycol combined with special OAT inhibitor additive technology.
- Protection against cavitation corrosion and rust.
- Effective lubrication of water pump

Castrol Radicool SF-O is suitable for use in mixed fleets.

Typical Characteristics

Name	Method	Units	Radicoool SF-O
ERBP (Equilibrium Reflux Boiling Point)	ASTM D1120	°C	154
Reserve Alkalinity	ASTM D1121	ml 0.1N HCl	>6
pH, Engine Coolants / Antirusts (33%)	ASTM D1287	pH	7.5
Freezing Point, Coolant 33% vol in water	ASTM D1177	°C	-10
Appearance	Visual	-	blue/green clear liquid.
Flash Point, COC	ASTM D92	°C	110

Product Performance Claims

ASTM D3306
BS - BS6580

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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19 Apr 2018

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