

**Product Data Sheet****Radicool P-OAT Premix**

Ready to use Engine Coolant and Antifreeze

Description

Castrol Radicool P-OAT Premix is a ready to use engine coolant and antifreeze. It is nitrite, amine, borate and silicate free with phosphate-inhibitor technology for vehicles requiring phosphated OAT technology. Castrol Radicool P-OAT Premix is both antifreeze and coolant and offers excellent corrosion protection to all metal parts found in the cooling system of internal combustion engines.

Castrol Radicool P-OAT Premix provides year-round corrosion protection, and offers freezing protection down to -37°C.

Application

Castrol Radicool P-OAT Premix has been developed to provide excellent protection for the metals used in engine radiator systems, cylinder block heads, water pumps and heat exchangers.

Castrol Radicool P-OAT Premix is suitable for use with a wide range of engines including those of aluminium, cast iron or combinations of those two metals. Also suitable for cooling systems made of aluminium, copper or their alloys.

Castrol Radicool P-OAT Premix is suitable for Japanese and Korean vehicles requiring P-OAT coolants and is also suitable for use where a coolant meeting Ford WSS-M97B57-A2 is required.

Castrol Radicool P-OAT Premix also meets the industry standards of ASTM D3306 (III), ASTM D6210 and JIS K2234.

In the majority of cases, coolants are not compatible and should not be mixed with other coolants unless directed by the equipment manufacturer. If using Castrol Radicool P-OAT Premix for the first time, ensure that the cooling system has been adequately flushed with clean water.

Advantages

Castrol Radicool P-OAT Premix has the following advantages:

- Excellent corrosion protection to protect metals used in cooling systems.
- Long life usage – resulting from stable, non-depleting organic inhibitors.
- Superior cavitation protection prevents pitting wear of the cooling system.
- Improved heat transfer through removal of silicates in the formulation.
- Suitable for a wide range of applications, including automotive and heavy-duty.



Typical Characteristics

Name	Method	Units	Castrol Radicool P-OAT Premix
Density @ 20C	ASTM D5931	g/ml	1.071
Appearance	Visual	-	Clear & Bright
Colour	Visual	-	dark Blue
pH, Engine Coolants / Antirusts	ASTM D1287	-	7.9
Boiling Point of Engine Coolants	ASTM D1120	°C	113
Freezing Point, Coolant 50% vol in water	ASTM D1177	°C	-36.5

Product Performance Claims

ASTM D3306 (III),
ASTM D6210,
JASO JIS K2234
Suitable for use in vehicles from Japanese and Korean manufacturers.
Suitable for use where a coolant meeting Ford WSS-M97B57-A2 is required

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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