



Castrol Radicool Heavy Duty Premix

Ready to use heavy duty coolant and antifreeze

Description

Castrol Radicool Heavy Duty Premix is a prediluted, ethylene glycol based coolant with an additive system designed for heavy duty applications.

Castrol Radicool Heavy Duty Premix works over a wide operating temperature range for effective cooling to -36°F in all climates.

Application

Castrol Radicool Heavy Duty Premix is engineered to deliver maximum protection in heavy duty diesel engines. It is a nitrate containing product suitable for use in trucks and off highway equipment requiring ASTM D6210 type performance. It is not generally recommended for use in passenger cars and light commercial vehicles.

Advantages

Castrol Radicool Heavy Duty Premix is an amine, silicate and phosphate free formulation. It is a hybrid coolant combining the use of conventional inhibitors together with organic acid technology to provide a stronger performing coolant. This results in:

- Reduced maintenance and longer drain intervals.
- Optimum corrosion protection and freezing protection to -36°F
- 2 year service life
- No further dilution is necessary by the customer therefore providing ease of use and ensuring the correct quality and concentration of water is used at all times.
- Does not require an initial charge of SCA (Supplemental Coolant Additive), however SCA can be added as part of a planned maintenance schedule to extend service life as per manufacturer's instructions. This product is compatible with most of the reputable SCAs in the market place.
- Controls all forms of corrosion including cavitation corrosion of cylinder liners, especially those with wet liners, and other cast iron components.
- Good compatibility with hard water with reduced scale formation, which if not controlled can increase corrosion rates for cast iron and aluminium components. This also improves heat transfer properties to ensure engines run at optimum temperatures.
- Use of stable additives to reduce the risk of additive drop out and sludge formation.
- Compatible with all conventional rubber hoses, seals, gaskets and plastics used within heavy duty cooling systems.
- Contains bittering agent to minimise accidental ingestion impact.

Typical Characteristics

Name	Method	Units	Castrol Radicool Heavy Duty Premix
Appearance, Visual (Diluted)	Visual	-	Free and Clear
Colour, Visual	Visual	-	Fuchsia
pH, Engine Coolants / Antirusts	ASTM D1287	-	10.5
Freezing Point °F	ASTM D1177	°F	-36

Product Performance Claims

ASTM D3306 (III)
ASTM D4985
ASTM D6210
BS - BS6580:2010
SAE J1941
TMC - RP 302
TMC - RP 329

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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