



Radicool Si-OAT

Antifreeze and Coolant for longer life.

Description

Castrol Radicool Si -OAT is a nitrite, amine and phosphate free antifreeze coolant with added silicate for the latest vehicles requiring silicate containing OAT technology. Aqueous solutions of Castrol Radicool Si-OAT act as both antifreeze and coolant and offer excellent corrosion protection to all metal parts found in the cooling systems of internal combustion engines.

Application

Castrol Radicool Si-OAT protects for up to 3 years and has the following benefits

- Excellent low temperature protection
- Provides superior protection against all forms of corrosion
- Eliminates deposit formation , because of its phosphate free formulation
- Approved for use in Euro 6 trucks

Castrol Radicool Si-OAT is formally approved by MAN for use in those vehicles specifying MAN 324 Type Si -OAT coolants , including those vehicles built after Dec 2012.

It is also suitable for use in older vehicles previously using MAN 324 Type NF and MAN 324 Type SNF fluids.

This fluid is recommended for use in the latest VW, Audi,Seat and Skoda vehicles . It is also compatible with older VW TL774C(G11) and VW TL 774F (G12+) type fluids and can be used where VW TL 774J (G13) fluid is recommended.

Castrol Radicool Si-OAT is suitable for use in Mercedes Benz heavy duty vehicles manufactured after 10/2011. It is not currently recommended for passenger vehicles.

This coolant should be used at concentrations of between 33% and 50% in distilled water. For optimum performance it is recommended to use at 50% concentration to significantly reduce the likelihood of wet cylinder liner pitting due to 'cavitation erosion'. This form of corrosion erosion is caused by the implosion of air bubbles present in the coolant and which are attracted to the liner outer surface. When the bubbles implode, minute amounts of liner material are removed from the surface, and if allowed to continue unchecked, will result in liner porosity and severe engine damage.

Typical Characteristics

Name	Method	Units	Castrol Radicool Si-OAT
Density @ 20C, Relative	DIN 51757	g/ml	1.123
Water	ASTM D1123	% wt	2.6
pH, Engine Coolants / Antirusts	ASTM D1287		8.5
Freezing point (50% vol dilution in water)	ASTM D1177	°C	-38.0
Appearance	Visual	-	Clear & bright

Product Performance Claims

ASTM D3306 (I)
ASTM D4985
BS6580:2010
JASO JIS K2234
MAN 324 Type Si-OAT
MB-Approval 325.5
VW TL-774G (G12++)

Radicool Si-OAT
05 Apr 2022
Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW
Orders/Enquiries: 0345 6008125 Technical Enquiries: 0345 082 1719 BP (Ireland) Ireland Orders/Enquiries: 1850 930 3942 Ireland Technical Enquiries: 1800 509 353
www.castrol.com/uk