



Castrol® premium antifreeze/coolant

# Castrol® Radicool™ SF-O Premix

Castrol Radicool SF-O Premix is a premium, nitrite-free, ethylene glycol-based antifreeze/coolant that utilizes advanced Organic Acid Technology (OAT) and specialized additive technology for superior, extended-life protection. Designed for heavy-duty applications, Radicool SF-O Premix eliminates the need for SCAs, reducing maintenance and ensuring reliable performance. It meets the stringent nitrite-free requirements of leading OEMs.

## Real-world challenges

The cooling system controls temperatures of all metallic and non-metallic material, along with other engine fluids. To properly transfer heat, you must protect system components from corrosion, cavitation, and scale. More than 40% of engine problems originate in the cooling system. Coolant selection and maintenance is key to the life of equipment.



# Superior protection and reduced cooling-system maintenance.



## Castrol® Radicool™ advantages

- Free of phosphates, silicate, nitrites, amines, and borates
- Offers excellent cavitation protection for wet sleeve liners
- Contains better heat-transfer properties than conventional coolants requiring SCAs. Eliminates maintenance with no SCAs required
- Provides freeze and boil-over protection
- Extended life corrosion protection for steel, solder, copper, iron, brass, and aluminum
- High-quality defoamer system; non-harmful to hoses, plastics, or gaskets
- Compatible with most major American brands of coolant technologies including conventional and Organic Acid Technology (OAT)

## Extended service life up to 1,000,000 miles or 20,000 hours\*

\* Proper inhibitor level should be determined by coolant testing. The recommended test interval is 300,000 miles, 6,000 hours or 1 year, whichever comes first.

### Product performance

ASTM D3306	Cummins CES 14603	IVECO Standard 18-1830	MB BB00.40-P-0310-01A, 325.3/326.3
ASTM D6210	Cummins CES 14636	JCB STD00088	MTU 5048
ASTM D7583	Daimler DBL 7700.00	GE Jenbacher 1000-201	MWM Deutz TR0199-99-1115
Behr Radiator	Detroit Diesel 93K217	John Deere JDM H24C	MWM Deutz TR0199-99-2091
BS 6580:2010	Deutz H 0685-7: Class DQC CB-14	John Deere JDS-G135	Navistar CEMS B-1 Type IIIA
CAT EC-1	Ford ESE-M97B44-A	Komatsu KES 07 892	Navistar MPAPS B-1 Type IIIA
CNH MAT 3620 Grade EG3/EG4	Ford WSS-M97B44-D	Liebherr	Paccar CS0185
CNH MAT 3624	Ford WSS-M97B51-A1	Mack GS17004	TMC RP 338A
Cummins CES 14439	GET-2594F (MI-09500)	MAN 324 Type SNF	Volvo Coolant VCS:20774185
		MAXXFORCE	Waukesha 4-2429H

To learn more about Castrol Radicool SF-O Premix and how it can help maximize your fleet's performance and lower overall operating costs, please contact your Castrol sales representative.