



# Opticool Antifreeze Red 50%

Ready-to-use, pre-diluted ethylene glycol based OAT antifreeze

Product code: D020

## Product Description:

Opticool Antifreeze Red 50% is pre-diluted, ready-to-use ethylene glycol based engine coolant, which uses Organic Acid Inhibitor Technology and is free from nitrites, amines, phosphates, borates and silicates. It is BTC Classification Type 4E.

Fleet trials have shown that when used at the correct concentration coolants based on Organic Acid Inhibitor Technology continue to provide effective corrosion protection for up to 5 years or 250,000km for passenger cars and 500,000km in commercial vehicles. Opticool Antifreeze Red 50% provides excellent protection to engine cooling systems, whether they are predominantly of ferrous or aluminium construction. Unlike traditional coolants which employ inorganic inhibitors, Opticool Antifreeze Red 50% has excellent hard water stability and very low inhibitor depletion rates.

## Application:

Opticool Antifreeze Red 50% is suitable for all year round usage in automotive and commercial petrol and diesel engines and certain industrial applications.

## Typical test data:

Concentration (by volume)	50%
Specific Gravity @ 20°C	1.074
Freeze Protection (°C)*	- 40

\*Average of freezing point and pour point.

## Product Specification:

**Opticool Antifreeze Red 50% meets the requirements of the following European & international standards:**

ASTM D 3306	ASTM D 4985	SAE J 1034	BS 6580: 2010
AFNOR NF R15-601 *	FFV Heft R443	CUNA NC 956-16	UNE 26361 - 88
JIS K 2234 *	NATO S 759	* with the exception of reserve alkalinity	

**Opticool Antifreeze Red 50% meets the requirements of the following OEM specifications:**

Volvo VCS Coolant	Chrysler MS 9176	Cummins 85T8-2 & 90T8-4
Leyland Trucks LTS 22 AF 10	Mack 014GS 17004	MAN 248, 324 (SNF) & B&W D 36 5600
Mercedes MB 325.3	Renault 41-01-001	VAG TL 774 D/F
GM 1899 M, US 6277 M & OPEL GM QL130100		John Deere H 24 B1 & C1
MTU MTL 5048	Ford ESE M97B49-A, WSS-M97B44-D & ESD M97B49-A	

Opticool Antifreeze Red can be used where Glystantin® G12, G12+, G30, G33 or G34 were originally recommended.