

Omnecraft RED Concentrate

Premium Hybrid Organic Acid Technology (HOAT) Coolant Concentrate

Omnecraft RED is a fully formulated hybrid technology engine coolant providing excellent high temperature aluminium protection. Hybrid technology coolant is more robust than conventional and organic acid technology (OAT) engine coolants, is low in silicates and phosphate and amine free. Omnicraft RED is recommended for use in automotive (aluminium compatible), light duty and heavy-duty diesel applications e.g. on-road truck, off-road, farm and marine. Omnicraft RED Concentrate should not be used in its concentrated form. A 50% dilution (mixed with an equal volume of softened or de-ionized water) is recommended. For increased freezing protection in extremely cold areas a 60-70% volume concentration can be used.

Applications

Omnecraft RED is specially formulated to protect heavy duty diesel wet sleeve liners with no requirement for an initial charge of supplemental coolant additives (SCAs) upon initial fill in heavy duty diesel applications. SCAs should only be added if required by the vehicle's manufacturer, and Omnicraft RED is compatible with coolant filters and heavy duty diesel SCAs and coolant extenders.

Performance Features and Benefits

- **Long-life hybrid technology**
Lasts up to 6 years, 12,000 hours or 1,000,000 km, whichever comes first
- **Low silicates, phosphate and amine free**
No need to charge fresh coolant with SCAs when used in heavy-duty applications
- **Universal use**
Meets or exceeds standard industry requirements for automotive, light duty, and heavy duty diesel applications providing exceptional summer cooling and excellent winter anti-freeze protection
- **Compatibility**
Compatible with both conventional and OAT coolants, standard SCAs and coolant extenders
- **Extended shelf life**
Suitable for use for up to two years after manufacture when stored undercover, away from moisture and direct sunlight.



Available in 5L, 20L and 205L
sizes from Ford Trade Club

Specifications and Approvals

Omnicraft RED is recommended for use where the following OEM specifications are required:

ASTM D-3306, D-4985, D-6210	MAN 324
Caterpillar EC1	Mercedes-Benz DBL 325
Cummins 14603	MTU MTL 5048
Detroit Diesel 7SE 298	New Holland WSN-M97B18-D
Daimler Chrysler MS 7170, MS 9769	PACCAR
Ford ESE-M97B44A, ESE-M97B18-C, WSS-M97B51-A1	Peterbilt 8502.002
Freightliner 48-2288D	Perkins
GM 1825M, 1899M, Heavy Truck	Saab-Scania 6901
Hyundai	SAE J1034, J1941
JIS K2234	TMC RP 329
Kenworth RO26-170-97	Volvo Heavy Truck
Land Rover	White Star
MACK Trucks	US Federal A-A-870-A

Health & Safety

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from your local Ford Trade Club Dealer.

Protect the Environment

Take used coolant products to an authorised collection point. Do not discharge into drains, soil or water.

Typical Physical and Chemical Characteristics

Omnicraft RED Concentrate Coolant			
Property	Test Method	Unit	Value
Appearance	Visual		Red
pH (50 vol. % in de-ionized water)	ASTM D1287		7.6 - 8.5
Reserve Alkalinity	ASTM D1121	ml	6.0 (minimum)
Relative Density (@ 15.6 °C)	ASTM D1122		1.125 - 1.135
Freezing Point (50 vol. % in de-ionized water)	ASTM D1177	°C	-37 (maximum)
Chloride	ASTM D3634	ppm	25 (maximum)
Water Content	ASTM D1123	mass %	3.5 (maximum)

These characteristics are typical of current production. Whilst future production will conform to the same specifications, variations in these characteristics may occur.