

### Product Description

**Anglomoil OATCOOL 50 RED** coolant is an Ethylene glycol based long life engine coolant containing organic additive technology (OAT) OATCOOL 50 RED coolant is prediluted to 50% v/v with demineralised water. It does not contain amines, nitrates, phosphates or silicates. **Anglomoil OATCOOL 50 RED** coolant is suitable for both automotive and heavy duty diesel engines.

### Application

Due to its corrosion inhibitor functionality, OATCOOL 50 RED is suitable for use in a broad range of applications: Passenger Cars (petrol, hybrid & diesel) Heavy Duty Engines\* (on-road & off-road), Marine, locomotive engines, stationary generators and mining and agricultural equipment. Anglomoil OATCOOL 50 RED Can be used as a Dexcool™ replacement in GM/Holden vehicles which use coolant conforming to specification GM6277M (coloured orange).

Anglomoil OATCOOL 50 RED can be used in heavy duty applications to protect wet cylinder liners from cavitation's even though it does not contain nitrite/molybdate inhibitors typically associated with wet cylinder liner protection. It significantly increases the operating life of water pumps and exceeds the corrosion performance levels required to meet Australian Standard AS2108.1-2004 and numerous performance specifications of OEM's including Ford and GMH. This coolant has been independently verified to all relevant ASTM's for automotive and heavy duty diesel use.

Provides maximum protection against 'hot spot' corrosion, common in aluminium cylinder heads.

### Standards/Vehicle Applications & Recommendations

Anglomoil OATCOOL 50 RED is an all purpose Long Life OAT coolant which can be used in the following makes of automotive passenger cars:

Ford, GM, Holden, Toyota, Honda, Hyundai, Kia, Mazda, Mitsubishi, Peugeot, Proton, Renault, SAAB, Subaru, Suzuki, Ssangyong, Tata, Volkswagen, Volvo, Audi, BMW and Mercedes.

Anglomoil OATCOOL 50 RED is recommended where the following specifications & standards are requested.

### Typical Properties

<b>Appearance</b>	Red Mobile Liquid
<b>pH (50/50 vol/vol)</b>	7.7—8.6
<b>Glycol by Weight (gm/L)</b>	1.0035
<b>Density kg/L (Concentrate)</b>	1.1103
<b>Freezing Point (50% by Vol)</b>	-36.2°C
<b>Boiling Point (50% by Vol)</b>	108.2°C
<b>Reserve Alkalinity (mL)</b>	4.4
<b>Hazard Class</b>	Hazardous Substance
<b>DG Class</b>	Non Dangerous Goods
<b>Glassware Corrosion Test</b>	Pass (ASTM D-1384)
<b>Aluminium Corrosion Test</b>	Pass (ASTM D-4340)
<b>Water Pump Cavitation Test</b>	Pass (ASTM D-2809)
<b>Foaming Tendencies Test</b>	Pass (ASTM D-1881)
<b>Cummins Anti Scale Test</b>	Pass (per AES 14603)

### Test Results

Metal	Allowable Weight Loss	Typical Weight Loss
Copper	10mg / coupon	0.00
Solder	30mg / coupon	0.05
Brass	10mg / coupon	0.01
Steel	10mg / coupon	0.00
Cast Iron	10mg / coupon	0.03
Aluminium	30mg / coupon	0.14
<b>ASTM D4340—Aluminium Heat Rejection Test</b>		
Allowable Weight Loss	1.0mg / cm <sup>2</sup> / week	-0.01
<b>ASTM D2809—Cavitation Erosion Corrosion</b>		
Rating (minimum)	8	8

### Specifications (Cars)

Anglomoil OATCOOL 50 RED coolant is recommended in vehicles where the following performance levels are required:

AS 2108.1 : 2004 Type A	Daewoo—Ethylene Glycol Coolant	Lexus Toyota—Super LL Coolant
AFNOR NFR 15-601	Daihatsu—Ethylene Glycol Coolant	Mazda—Ethylene Glycol Coolant
ASTM D3306, D4656, D4985	Dodge—Mopar HOAT	Mazda—FL22
BS 6580	Fiat—Paraflu UP	Mercedes Benz 325.0, 326.0
Castrol Antifreeze NF	Ford—ESE-M97B44-A, WSS-M97B51	Mitsubishi – Long Life Coolant
Caltex CX Engine coolant	Holden GM6277M, GM1899M, HN1897, HN2043, HN2217	Nissan—EG Long Life Coolant
GM 1825 M	Honda	Peugeot—procor 2000 Glysantin G33
GM 1899 M	Hyundai—Ethylene Glycol Coolant	Porsche 000 043 203 78
Alfa Romeo—Paraflu UP	Jaguar—WSS-M97B44-A	Renault—EG Long Life coolant D
Audi Skoda Volkswagen—G12 G13	Kia—ethylene Glycol Coolant	Subaru—Super Long Life Coolant
BMW	Land Rover Ethylene Glycol Coolant	Suzuki—Ethylene Glycol Coolant
Citroen 9979.70 / 71 / 72		Volvo

### Specification (Medium & HD Diesel)

AFNOR NFR 15-601	Freightliner Fleet Charge Powercool	Mack VCS Coolant
ASTM D3306	FUSO SAE J814-C	Mercedes Benz Spec. 325.0
ASTM D4656	Hino Genuine LL Coolant	Mercedes Benz 325.5
ASTM D4985	Isuzu (GM6277M & HN2217)	Mitsubishi FUSO Genuine Diesel LL Coolant
BS 6580	IVECO Parafllu 11	Saab Scania 6901
Caterpillar ELC	IVECO GM6038M	SAE J 1034 & JASO M 324
Caterpillar 1 EO 535	IVECO AC9-50	Toyota K2601G—1G
Cummins 3666132	Japanese JIS K 2234	UD Long Life Coolant (Nissan)
Cummins CES 14603	Jenbacher	Volvo VCS
DAF 742002	Kenworth ALLCool	Waukesha 4-1974D
DAF BTPS 606A	Komatsu 07.892	Western Star ASTM D6210
DAF DCEA 615	Liebherr MD 1-36-130	
Dennis Eagle Fleetguard	MAN 324 SNF / 248	
Meets the phosphate-free requirements of European Manufacturers.		
Meets the silicate-free requirements of Japanese manufacturers.		

