

PRODUCT INFORMATION

Green Coolant Concentrate

Heavy Duty

3 years or 100,000km Protection

Product Information

Green Coolant Concentrate is a low silicate proprietary blend designed to meet the performance requirements of both automotive and **heavy-duty** diesel engines (with no initial addition of Supplemental Coolant Additives). It is fully aluminium compatible and is suitable for use in lean burn engines where higher than normal temperatures are achieved in the head and block.

When used as a 33% by volume coolant in softened or de-mineralised water, this product is warranted for **3 years or 100 000km** in an automotive application.

Green Coolant Concentrate is to be used at 50% by volume in softened or de-mineralised water for **heavy-duty** diesel applications.

Green Coolant Concentrate meets or exceeds the performance requirements of the following engine coolant specifications.

OEM / Agency	Specification
ASTM	D-3306/ D-4985
AS/NZS	2108.1:1997 Type A
SAE	J1034 / J1941
GM	1825M / 1899M
EOBD ESE	1407R11-A / 1407R18-0

FORD ESE M97B44-A / M97B18-C CUMMINS Bulletin # 3666132

CATERPILLAR 1 EO 535

DETROIT DIESEL Bulletin # 7SE298

TMC RP329



PRODUCT INFORMATION

Performance Testing

Coupon	ASTM D 1384-94 Glassware Corrosion		ASTM D 2570-94 Simulated Service	
Туре	Test Results ¹	Max. Spec. ¹	Test Results ^{1 2}	Max. Spec. ¹
Copper	1.3	10	0.4	20
Solder	15	30	24.1	60
Brass	1.6	10	0.8	20
Steel	0.1	10	+0.4	20
Cast Iron	+0.5	10	+1.8	20
Aluminium	+2.1	30	0.4	60

Weight Loss/Coupon (mg)Copper/brass radiator

ASTM Test Procedure	Test Results¹	Specification
D4340-89 Heat Rejecting Aluminium Corrosion	0.2 mg/cm²/week	1.0 maximum
D2809-94 Aluminium Water Pump Cavitation-Erosion Corrosion (rating from 1 to 10)	10	8 minimum

Physical and Chemical Properties

Performance	Test Method
10.0 - 11.0	ASTM D 1287
10.0 min	ASTM D 1121
1.110 - 1.145	ASTM D 1122
-37°C	ASTM D 1177
50 max.	ASTM D 1881
5 max.	ASTM D 1881
116°C min.	ASTM D 92
2.0 max.	ASTM D 1119
Characteristic	
Green	
2 years	
95.0 min.	
25 max.	ASTM D 3634
4.0 max.	
	10.0 - 11.0 10.0 min 1.110 - 1.145 -37°C 50 max. 5 max. 116°C min. 2.0 max. Characteristic Green 2 years 95.0 min. 25 max.

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The performance and physical property data described for this product are presented in good faith and believed to be reliable; however, they should be considered as typical results and not as sales specifications.

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