



Long Life Organic Engine Coolant Type A (V2001) - PORC

## **Product Data Sheet**

Use - Automotive Application

Long Life Organic Anti Freeze / Anti Boil Coolant Type A Concentrate (V2001)

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### **TYPICAL PROPERTIES**

Appearance:	Green mobile liquid
pH	8.00 -9.7
Odour:	Slight odour
Flammable:	Combustible C1
Density:	1.105 -1.115
Melting Point:	Not available
Boiling Point:	134°C
Solubility:	Soluble
Flash Point:	132°C
Reserve Alkalinity	4.0ml

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### **PRODUCT INFORMATION**

PORC is a premium quality, organic, long life anti boil/anti freeze coolant concentrate.

PORC is based on carboxylate technology and contains no silicates, borates, phosphates, nitrites, nitrates or amines.

PORC is suitable for both automotive and heavy duty diesel engines.

PORC contains 86% monoethylene glycol and a double inhibitor package ensuring ultimate corrosion protection and extended service life.

PORC protects all metals found in cooling systems and gives excellent protection against cavitations erosion and wet-sleeve liner pitting.

Significantly increases the operating life of water pumps.

Exceeds corrosion performance levels required to meet Australian Standard AS/NZS 2108.1-1997 and numerous performance specifications of OEM's including Ford & GMH.

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

PORC has a service life of 3 years/100 000kms in automotive applications and up to 5 years/500,000kms/6000hrs in heavy duty diesels.

Has obvious environmental advantages as a result of fewer coolant changes.

Has no deleterious effects on hoses or gaskets.

Has a proven record over many years with marine engines, taxi fleets, government departments, bus companies and truck companies.

## PRODUCT CODES / QUANTITIES

A/PORC/2.5	2.5ml Plastic Bottle (Box of 6)
A/PORC/1	1L Plastic Bottle (Box of 6)
A/PORC/5	5L Plastic Jerry Can (Box of 4)
A/PORC/20	20L Plastic Cube
A/PORC/200	200L Metal Drum
A/PORC/IBC	1,000L Intermediate Bulk Container

## Available in Premix

A/PORC-50/20	20L Plastic Cube
A/PORC-50/200	200L Metal Drum

## Available Red Appearance

A/PORCRED/5	5L Plastic Jerry Can (Box of 4)
A/PORCRED/20	20L Plastic Cube
A/PORCRED/200	200L Metal Drum

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## TEST RESULTS

### ASTM D 1384-GLASSWARE CORROSION TEST

Metal	Allowable Weight Loss	Typical Weight Loss PORC
Copper	10mg / coupon	0.5
Solder	30mg / coupon	1.5
Brass	10mg / coupon	0.2
Steel	10mg / coupon	-0.7
Cast Iron	10mg / coupon	-0.5
Aluminium	30mg / coupon	6.3

### ASTM D 4340-ALUMINIUM HEAT REJECTION TEST

Allowable Weight Loss	Typical Result PORC
1.0mg / cm <sup>2</sup> / week	0.3

### ASTM D2809—CAVIATION EROSION CORROSION

Rating (minimum)	PORC
8	9