

PRODUCT DATA SHEET

PROGUARD RCI

(GREEN & RED – ORGANIC LONGLIFE COOLANT - CONCENTRATE)

DESCRIPTION

Proguard RCI is a premium quality long life organic Rust and Corrosion Inhibitor. Proguard RCI is an organic acid technology formulation (OAT). This is a high performance product and should not be compared to lower quality and cost products that are available.

Proguard RCI gives superior protection to all metals found in engine cooling systems. It exceeds the performance requirements of Australian Standard AS/NZS 2108.1-2004 Type B coolant. It provides excellent protection against liner pitting in heavy duty diesel engines and is suitable for use in all vehicles where anti-boil/anti-freeze protection is not required.

Proguard RCI significantly reduces cavitation, erosion and increases the service life of water pumps, it is environmentally safe and biodegradable.

APPLICATION

The recommended treat rate is 5-7 % with demineralised water. Service life is 100,000 kms/3 years in well maintained automotive engines and up to 4 years / 500,000 kms / 6,000 hours in well maintained heavy duty diesel cooling systems.

Proguard RCI is compatible with Proguard and Proguard 50 coolants.

STANDARDS

Recommended for use where the following performance levels are quoted:

Nalco Maxitreat 3447
Powercool GF9477-C

PHYSICAL PROPERTIES

Appearance	Dark Green Liquid
pH	9.00 – 9.70
Odour	Slight Odour
Flammability	None Flammable
Density @ 15 °C	1.05 – 1.06
Solubility:	Soluble in water
Reserve Alkalinty	80ml
Specific Gravity	1.05-1.08
Boiling Point	n/a

Proven Protection. Powerful Performance.



TEST RESULTS

ASTM D 1384-GLASSWARE CORROSION TEST

<u>Allowable Weight Loss</u>		<u>Typical Weight Loss</u>
Copper	10mg / coupon	0.8
Solder	15mg / coupon	2.4
Brass	10mg / coupon	0.1
Steel	10mg / coupon	+1.0
Cast Iron	10mg / coupon	+1.3
Aluminium	15mg / coupon	13.0

No evidence of any pitting attack.

ASTM D 4340-ALUMINIUM HEAT REJECTION TEST

Allowable Weight Loss

Typical Weight Loss

1.0 MG / cm² / week

0.25

ASTM D 2809-CAVITATION EROSION CORROSION

Rating (minimum)

Proguard RCI

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CONTAINER SIZES

205 Litres, 20 Litres

Issue Date 1/9/2019

Proven Protection. Powerful Performance.