



**DESCRIPTION:**

**Liquid Intelligents 108 Hybrid Organic Carboxylate Radiator Inhibitor (GREEN)**

Liquid Intelligents 108 Contains Hybrid Organic Carboxylate C12-C12 Di Basic Acid Corrosion Inhibitors

**CHARACTERISTICS:**

**Hybrid Organic Inhibitor Properties**

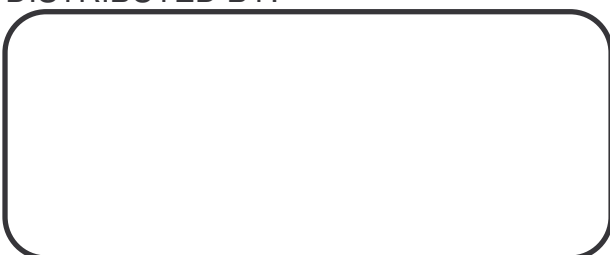
The Hybrid Organic Inhibitor anti-corrosion additives being used in Liquid Intelligents 108 has been purpose manufactured to comply with the Australian standards. In the **ASTM D1384** glassware test, incorporated in the **Australian & New Zealand AS/AZ 2108.1.1997** performance standards, Cast Aluminium may loose up to -15mg of weight through corrosion and still pass. As shown in the attached typical test report these products when subjected to the same test only lost less than, 1mg. The Hybrid Organic Inhibitor anti-corrosion additive completely coats and protects the internals of the cooling system with a carboxylate film The carboxylate layer has the ability to chemically self repair if this film is subjected to erosion, thus giving longevity to the Coolants performance.

Available in **10,20,60 and 205** litre containers.

Liquid Intelligents 108 is used 50mls per litre of radiator water.

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.

LIQUID INTELLIGENTS PTY LIMITED  
 SYDNEY AUSTRALIA  
 DISTRIBUTED BY:



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Metal	AS/NZS 2108.1:1997 wt. loss mg (max)`	Typical result
Copper	10	+2
Solder	15	-3
Brass	10	+1
Steel	10	+1
Cast iron	10	+2
Cast aluminium	15	+6

**Glassware Corrosion Test (ASTM D 1384)**

**Simulated Service Test (ASTM D 2570)**

Metal	AS/NZS 2108.1:1997 wt. loss mg (max)`	Typical result
Copper	20 (max wt. loss)	7
Solder	60	1.4
Brass	20	5
Steel	20	4
Cast iron	20	8.5)
Aluminium	60	5.2

**Water Pump Cavitation Erosion Test (ASTM D 2809)**

Metal	GM 1825M (rating)	ASTM D 3306 (rating)	Typical result
Cast aluminium	8 min	8 min	1.9

**Aluminium Heat Rejection Corrosion Test (ASTM D 4340)**

Corrosion rate (mg/cm <sup>2</sup> /week)	AS/NZS 21008.1:1997 (max allowable rate, mg/cm <sup>2</sup> /week)
0.19	1.0