



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

[www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)

## PRODUCT DATA SHEET

### ORGANIC COOLANT 50% RED

#### PRODUCT DESCRIPTION

**Organic Coolant 50% Red** is an all-organic blend of long life corrosion inhibitors and ethylene glycol designed to provide superior corrosion and anti-freeze/anti-boil protection for all types of petrol, diesel and gas engines in passenger vehicles, light trucks, heavy duty commercial, industrial, on highway, marine, mining and stationary applications.

#### APPLICATION:

- No premixing, blending or addition of extra water required.
- Avoids the use of poor quality water being used for dilution.
- Maximises the period between coolant change outs
- Passenger vehicles and light commercial transporters - 4 years
- Heavy duty vehicles – 1,000,000km/6 years/12,000 hrs
- (When good quality water is used as directed)
- Provides excellent anti-freeze/anti-boil protection.
- Minimal disposal volume of spent coolant required.
- Provides optimum reliability and operating life of water pump (silicate-free product).
- Maximises protection of all metals commonly found in the engine cooling system.
- Excellent cavitation and liner pitting protection.
- Maximises fuel economy by keeping the engine at the optimum operating temperature.
- Protects against scale, rust and residue build-up.
- Formulated and manufactured in Australia for Australian conditions.

#### SPECIFICATIONS

Meets or exceeds the following performance and specification requirements:-

All major engine manufacturers for passenger, truck and machinery applications.

**ASTM D-1121, D-1287, D-1384, D-1881 D-2570, D-2809, D-3634, D-4340**

**AS 2108 - 2004 (Type A)** and most international performance specifications.

Always consult your vehicle owner's manual for the manufacturer's recommendations.



AUSTRALIAN FAMILY OWNED SINCE 1989





**Hi-Tec Oil Traders Pty Ltd** ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

**Ph:** 1300 796 009 | **Fax:** (02) 9604 1611 | **Email:** hitecoils@hi-tecoils.com.au

[www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)

## PRODUCT DATA SHEET

**Organic Coolant 50% Red** meets or exceeds the following demanding performance requirements:

ASTM D-4656  
ASTM D-5345  
ASTM D-6210  
BS 6580 (British Standard)  
UNE 26-361-88/1  
FVV Heft R443 (Germany)  
NATO S-757  
BT-PS-606A (MIL-Belgium)  
E/L-1415b (MIL-Italy)  
SAE J1034  
JIS K2234 (Japan) LLC  
JASO M325 (Japan) LLC  
Afnor R15-601  
Önorm V5123  
BR 637  
DCEA 615 (MIL-France)  
FSD 8704 (MIL-Sweden)  
AS/NZS 2108.1:1997 (Australian  
Standard) Type A  
Navistar  
Mitsubishi ES-X64216  
Honda  
Hyundai

MAN 324 (Diesel Engines)  
VOLVO  
Scania (Tech Info. TI 02-98)  
Mercedes-Benz Sheet 325.3  
Mack-RVI  
Caterpillar EC-1  
Cummins 90 T8-4  
Detroit Diesel/Perkins  
Komatsu  
General Motors GM 6277M  
General Motors GM 1899M  
Ford WSS-M97B44-C  
Volkswagen VW TL774D  
Audi/SEAT/Skoda  
ISUZU  
BMW N600 69.0  
SAAB  
DAF-Leyland 74001

Mazda MES 121C  
Toyota TS K2601 G  
Daihatsu  
Subaru

### TYPICAL PROPERTIES

#### **Property**

Colour  
Ph 50% solution  
Density (g/mL) @ 20°C  
Ethylene Glycol Content (% wt)  
Boiling Point @ 50%  
Freezing Point @ 50%

#### **Results**

Red  
8.3 – 9.0  
1.03 min.  
47% min.  
129°C min  
< - 37



AUSTRALIAN FAMILY OWNED SINCE 1989





Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

[www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)

## PRODUCT DATA SHEET

### INSTRUCTIONS FOR ORGANIC COOLANT 50% RED USE

Before treatment, pre-clean the cooling system by:

- Draining the existing coolant and chemically clean the system to remove any rust, dirt, oil and built up residue.
- Use **Hi-Tec Radiator Flush** radiator cleaner to clean the system effectively and thoroughly.

### Initial Dosage

- **Organic Coolant 50% Red** should be dosed neat. DO NOT DILUTE

### Anti-freeze/Anti-boil Protection

	Water	Min Temp	Max Temp
<b>Organic Premix 50% Red</b>			
1 part	0 part	-37°C	129°C

### Preventative Maintenance

- Never top up with water as this will dilute the coolant. Always top up with **Organic Coolant 50% Red** as supplied.

### Passenger Vehicles

- There is no requirement to replenish inhibitor during the life of the coolant. **Organic Coolant 50% Red** should be drained and replaced every 5 years /200,000km or more frequently in adverse conditions

### Heavy duty diesel vehicles

- These vehicles do not require the coolant to be re-dosed at regular intervals or replacement of expensive water filters. Performance period is 1,000,000 km / 12,000 hours or 6 years, which ever comes first. Top up with **Organic Coolant 50% Red** if fluid is lost from the cooling system.
- Consult your Hi-Tec representative if clarification is required.

Hi-Tec recommends that this product does not get mixed with other brands of coolants or inhibitors.

**Available in:** Bulk

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au). Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)"

**Item code:** HI8-3331

**Effective:** March 2020

MR023030/1



AUSTRALIAN FAMILY OWNED SINCE 1989

