



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

## PRODUCT DATA SHEET

### ORGANIC PREMIX 50 COOLANT

#### PRODUCT DESCRIPTION

**Organic Premix 50 Coolant** 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 – 200,000km/5 years
- Heavy duty vehicles – 1,000,000km/6 years/12,000 hrs
- 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.

#### INSTRUCTIONS FOR ORGANIC PREMIX 50 COOLANT 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 Premix 50 Coolant** should be dosed neat. DO NOT DILUTE.

**Anti-freeze/Anti-boil Protection:**      Min Temp -37°C      Max Temp 129°C

#### **Preventative Maintenance:**

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

#### **Passenger Vehicles:**

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



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### 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, whichever comes first. Top up with **Organic Premix 50 Coolant** if fluid is lost from the cooling system.

Consult your Hi-Tec representative if clarification is required.

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

### SPECIFICATIONS:

Exceeds 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)** specifications.

**Organic Premix 50 Coolant** also meets or exceeds the following demanding performance requirements:

ASTM D-4656	MAN 324 (Diesel Engines)
ASTM D-5345	VOLVO
ASTM D-6210	Scania (Tech Info. TI 02-98)
BS 6580 (British Standard)	Mercedes-Benz Sheet 325.3
UNE 26-361-88/1	Mack-RVI
FVV Heft R443 (Germany)	Caterpillar EC-1
NATO S-757	Cummins 90 T8-4
BT-PS-606A (MIL-Belgium)	Detroit Diesel/Perkins
E/L-1415b (MIL-Italy)	Komatsu
SAE J1034	General Motors GM 6277M
JIS K2234 (Japan) LLC	General Motors GM 1899M
JASO M325 (Japan) LLC	Ford WSS-M97B44-C
Afnor R15-601	Volkswagen VW TL774D
Önorm V5123	Audi/SEAT/Skoda
BR 637	ISUZU
DCEA 615 (MIL-France)	BMW N600 69.0
FSD 8704 (MIL-Sweden)	SAAB
AS/NZS 2108.1:1997 (Australian Standard) Type A	DAF-Leyland 74001
Navistar	Mazda MES 121C
Mitsubishi ES-X64216	Toyota TS K2601 G
Honda	Daihatsu
Hyundai	Subaru

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



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### TYPICAL PROPERTIES

#### Property

Colour

ph 50% solution

Density (g/mL) @ 20°C

Ethylene Glycol Content (% wt)

Boiling Point @ 50%

Freezing Point @ 50%

#### Typical Results

Green

8.3 – 9.0

1.03 min.

47% min.

129°C min

< - 37

**Available in:** Bulk, 200 Litres and 20 Litres

“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)”

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**Effective:** December 2019

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