



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362
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www.hi-tecoils.com.au

PRODUCT DATA SHEET

HI-TEC ORGANIC PREMIX 50 COOLANT

PRODUCT DESCRIPTION

Hi-Tec 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 - 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:

- ◆ Exceeds the following performance and specification requirements:-
All major engine manufacturers for passenger, truck and machinery applications.
ASTM's D1121, D 1287, D1384, D1881 D2570, D2809, D3634, D4340
AS 2108 - 2004 (Type A) and most international performance specifications.



AUSTRALIAN FAMILY OWNED SINCE 1989





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HI-TEC ORGANIC PREMIX 50 COOLANT meets and exceeds the following:

ASTM D4656	MAN 324 (Diesel Engines)
ASTM D5345	VOLVO
ASTM D6210	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

TYPICAL PROPERTIES

PROPERTY	RESULTS
Colour	Green
Ph 50% solution	8.3 – 9.0
Density, g/ml 20 °C	1.03 min.
Ethylene Glycol Content wt%	47% min.
Boiling Point @ 50%	129°C min
Freezing Point @ 50%	< - 37

Item Code: HI8-3330-

AVAILABLE IN

200Litres, 20Litres, 5Litres, 1Litre



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INSTRUCTIONS FOR HI-TEC 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:
 - **Hi-Tec Organic Premix 50 Coolant** should be dosed neat. **DO NOT DILUTE**
- ◆ Anti-freeze/Anti-boil Protection
 - **Hi-Tec Organic Premix 50**

Water	Min Temp	Max Temp
1 part	-37°C	129°C
- ◆ Preventative Maintenance:
 - Never top up with water as this will dilute the coolant. Always top up with **Hi-Tec Organic Premix 50 Coolant** as supplied.
- ◆ Passenger Vehicles:
 - There is no requirement to replenish inhibitor during the life of the coolant. **Hi-Tec Organic Premix 50 Coolant** should be drained and replaced every 5 years /200,000kms 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 Kms / 12,000 hours or 6 years, which ever comes first. Top up with **Hi-Tec 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 does not get mixed with other brands of coolants or inhibitors.

"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. 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"

Effective: January 2013

Effective: January 2015

EH311042/1



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