



PRODUCT DATA SHEET

LONG LIFE COOLANT GREEN

PRODUCT DESCRIPTION

Long Life Coolant Green is a unique blend of organic long life corrosion inhibitors and ethylene glycol designed to provide superior corrosion protection and anti-freeze/anti-boil protection for all types of petrol, diesel and gas engines in light commercial and passenger vehicles, heavy duty commercial, industrial, on highway, marine, mining and stationary applications.

BENEFITS

- Extends the period between changing coolant
- Passenger vehicles and light commercial transporters – 250,000km / 5 years (whichever comes first).
- Heavy duty vehicles – 1,000,000km / 6 years / 12,000 hrs (with good quality water and product is used as directed)
- Provides maximum 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 tested and manufactured in Australia for Australian conditions.
- Exceeds the following performance and specification requirements:-

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

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

AS2108 - 2004 (Type A) and most international performance specifications.

INSTRUCTIONS FOR USE

Before treatment, pre-clean the cooling system by:

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

Initial Dosage

Long Life Coolant Green can be dosed at 33% or 50% v/v with clean soft water. The dosage rate will depend on the level of freeze protection required

Anti-freeze / Anti-boil Protection

Long Life Coolant Green	Water	Freeze Protection	Boil Protection *
1 part	1 part	-37°C	129°C
1 part	2 parts	-20°C	121°C

*with a 103 kPa radiator pressure cap





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

Preventative Maintenance

Never top up with water as this will dilute the coolant. Always top up with **Long Life Coolant Green** mixed with clean, soft water.

Passenger Vehicles

There is no requirement to replenish inhibitor during the life of the coolant. Coolant should be drained and replaced within 5 years or more often 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. The performance period is 1,000,000km / 12,000 hours or 6 years, whichever comes first. Top up with **Long Life Coolant Green** mixed as described above if fluid is lost.

Consult your Hi-Tec Oils representative if clarification is required.

PRINCIPLE USES

All on-road and stationary petrol, diesel and gas fuelled engines, including passenger and light commercial vehicles, buses, tractors, trucks, also marine engines, mining equipment and stationary engines.

Long Life Coolant Green meets or exceeds the following performance specifications:

ASTM D-3306 (and D-4656)
ASTM D-4985 (and 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

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

PRODUCT DATA SHEET

TYPICAL PROPERTIES

Property	Typical results
Colour	Green
pH (neat)	6.0 – 9.0
Ethylene Glycol content (% wt)	93.0
g/L typical	1060
Reserve Alkalinity, mL (pH 5.5)	5
Density (g/mL) @ 20°C	1.11 - 1.14
Boiling Point (°C)	172
Freezing Point (max °C) (50% vol solution)	< -37

SAFETY AND HANDLING

This product contains ethylene glycol and is a Schedule 5 poison.
Read the Safety Data Sheet (SDS) before opening the container and using the product.

Available in: 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. 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”

Item Code: HI8-3240

Effective: February 2020

MR022082/1



AUSTRALIAN FAMILY OWNED SINCE 1989

