



Lube Control Pty Ltd



Product Data Sheet

## Premium Cool Plus 50

Ready To Use Heavy Duty Coolant

### Description

Castrol Premium Cool Plus 50 is a ready to use ethylene glycol based engine coolant containing a balanced mixture of organic acid and inorganic corrosion inhibitors specially designed to service the requirements of a broad range of heavy duty diesel engines, particularly those with wet liners.

Castrol Premium Cool Plus 50 is a low silicate, phosphate and amine free formulation providing extended service life protection for Lead Solder, Aluminium, yellow metal and ferrous alloys. The inclusion of a number of corrosion inhibitors prevents corrosion occurring in the number of dissimilar metals found in modern engine cooling systems.

Castrol Premium Cool Plus 50 satisfies major industry coolant standards.

### Conditions of Use

Castrol Premium Cool Plus 50 is a pre-mixed, ready to use coolant and should be added to cooling systems as a top up or when effecting a complete system change. Do not dilute further.

Castrol Premium Cool Plus 50, as supplied, contains sufficient additional inhibitors to enable it to be used as an initial fill fluid without the need for an initial charge of a Supplementary Coolant Additive (SCA) where this is required. The SCA cartridge where fitted, should be replaced with a zero SCA unit water cartridge until the next service where an appropriate SCA adjustment should be made.

### Advantages

- It's balanced formulation of organic acid and conventional inhibitors guarantees performance in a wide range of diesel engines
- Covers the needs of a wide range of engines, assisting with rationalisation of coolants
- Compatible with most commercial SCA's



Lube Control Pty Ltd

Typical Characteristics

| Name               | Method     | Units       | Castrol Premium Cool Plus 50 |
|--------------------|------------|-------------|------------------------------|
| Appearance         | Visual     | -           | Clear                        |
| Colour             | Visual     | -           | Green                        |
| Reserve Alkalinity | ASTM D1121 | ml 0.1N HCl | min. 4.0                     |
| Density @ 20C      | ASTM D5931 | g/ml        | min. 1.067                   |

The above data is typical and does not constitute a specification.

Product Performance Claims

ASTM D3306  
ASTM D6210

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Premium Cool Plus 50  
04 Aug 2025  
Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, to the extent that it is permissible by law to exclude warranties and representations, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. Refer to the SDS, available from our website for further information. No responsibility is taken by either Castrol Australia , BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Australia Pty Limited - ABN 87 008 459 407 – 132 McCredie Road, Guildford NSW 2161, Australia  
Technical Advice Line 1300 557 998 Customer Service 1300 554 890