



## Castrol ON Direct Liquid Cooling PG 25

Direct to Chip Cooling

### Description

Castrol On Direct Liquid Cooling PG 25 is a propylene glycol based fully formulated heat transfer fluid designed for use in computer applications.

### Application

Castrol On Direct Liquid Cooling PG 25 is recommended as heat transfer fluid for Direct-to-Chip Cooling, Computer room AC units, Datacom Equipment Center Cooling and Glycol Loop Heat Transfer Exchangers.

### Advantages

- Non-harmful propylene glycol (PG) fluid
- Offers extended protection against metal corrosion
- Compatible with wetted materials present in the cooling system
- Biostable formulation preventing bacterial growth during service
- Ready to use, does not need dilution with water

## Typical Characteristics

Name	Method	Units	Castrol ON Direct Liquid Cooling PG 25
pH value	ASTM D1287	-	8.5
Freezing Point	ASTM D3321	°C	-9
Appearance	Visual	-	Clear liquid, free from suspended matter
Colour	Visual	-	Green
Propylene Glycol Content	ASTM D3321	% w t	25
Water & Inhibitors Content	ASTM D3321	% w t	75
Density @ 15°C	ASTM D4052	g/ml	1.025
Density @ 60°C	ASTM D4052	g/ml	1.002
Boiling Point	ASTM D1120	°C	101
Specific heat @ 60°C	ASTM E1269	kJ/kg.K	4.01
Thermal conductivity @ 60°C	ASTM D7896	W/mK	0.502

Castrol ON Direct Liquid Cooling PG 25

13 Sep 2024

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, 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. No responsibility is taken by either 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 Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

<http://msdspds.castrol.com>