

Castrol ON Direct Liquid Cooling PG 25

Direct to Chip

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
Glycol Content	ASTM D1287	-	25
Water & Inhibitors Content	ASTM D1287	-	75
Density @ 15°C	ASTM D4052	g/ml	1.025
Density @ 50°C	ASTM D4052	g/ml	1.002
Boiling Point	ASTM D1120	°C	101
Specific Heat @ 60°C (25% concentration)	ASTM E1269	kJ/kg.K	4.01
Thermal Conductivity @ 60°C (25% concentration)	ASTM D7896	W/mK	0.502

Container Sizes

Castrol ON: PG 25 can be supplied in the following container sizes:

- 20-litre UN plastic drums. Max. of 50-no. 20L drums per pallet.
- 208-litres UN plastic drums. Max. of 4-no. 208L drums per pallet.
- 1000-litre UN Intermediate Bulk Containers
- 25,000-litre Tanker-truck loads

Storage

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



Official Partner



DC Cooling Solutions - UK & Ireland distributor and support provider for Castrol ON data centre products

Europa Way, Swansea West Business Park SA5 4AJ t. 0800 888 6848 e. info.uk@DCcoolingsolutions.com www.dccoolingsolutions.com

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