



Perfecto™ HT 5 D

Thermic Fluid

Description

Castrol Perfecto™ HT 5 D (previously called Supertherm™ 550) is a premium; high performance fluid designed for excellent performance in Thermic Fluid Heating Systems. Perfecto HT 5 D is blended from highly refined base tocks and carefully selected additive package to make it suitable as a long life thermic fluid for a wide range of temperature applications in Thermic Fluid heaters.

Application

Product Features	Operational Advantage	Consumer Benefits
Low volatility	Fluids can withstand higher operating temperatures.	Upgradation of the system for higher operating temperatures. Safe operation low maintenance and operational cost.
High thermal stability	Low oxidation low possibility for hot spots	Controlled operating temperatures and extended equipment life.
High oxidation stability	Efficient heat transfer in the boiler (lower heat inputs). Cleaner boiler tubes	Lower operating costs.
Non corrosive and non toxic	Rust and corrosion protection even durin	Extended equipment and fluid life extended equipment life.

Typical Characteristics

Name	Method	Units	Perfecto HT 5 D
Appearance	Visual	-	Bright Clear Amber Fluid
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm ² /s	30
Kinematic Viscosity @ 100°C / 212°F	ASTM D445 / ISO 3104	mm ² /s	5.16
Viscosity Index	ASTM D2270 / ISO 2909		200
Copper Corrosion	-	Rating	1
Specific Heat @ 24 °C	-	KJ/Kg °C	1.894
Thermal Conductivity @24 °C	-	W/M°C	0.1324
CCR %	-	w/w	0.1

Subject to usual manufacturing tolerances.

This product was previously called Supertherm 550. The name was changed in 2015.

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