



## Product Data

# Castrol Perfecto<sup>®</sup> HT

Heat Transfer Oils

### Description

**Castrol Perfecto<sup>®</sup> HT** Series are based on mineral oils specially selected for their high thermal stability, high flash point and inherent oxidation resistance.

### Performance Benefits

- Excellent heat transfer properties
- High operating temperature capability
- Minimises deposits in heat exchangers
- Maintains heat transfer efficiency

### Recommended Applications

These oils are primarily intended for use in enclosed and sealed systems. They also have applications, at lower temperatures, in systems open to the air.

**Castrol Perfecto<sup>®</sup> HT 5** is a low viscosity fluid which is essential when operating under turbulent flow conditions to achieve very high heat transfer rates.

**Castrol Perfecto<sup>®</sup> HT 12 and Perfecto<sup>®</sup> HT 32** are for use in enclosed systems with bulk oil temperatures up to 300°C and when a high viscosity oil is specifically required.

They can also be used in open systems, but at temperatures above 100°C, the rate of oxidation will increase rapidly, shortening the life of the products.

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## Typical Characteristics

Castrol Perfecto®	HT 5	HT 12	HT 32
Density @ 15°C	0.875	0.886	0.901
Kinematic Viscosity, cSt @ 40°C @ 100°C	30.6 5.30	98.0 10.92	464.5 30.7
Viscosity Index	105	95	96
Closed Flash Point, °C	207	238	262
Fire Point, °C	249	300	345
Pour Point, °C	-9	-9	-9
Neutralisation Number, mgKOH/g	<0.05	<0.05	<0.05

All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial North America Inc. products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

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