



Technical Data Sheet

CASTROL PERFECTO HTN

DESCRIPTION:

Castrol Perfecto HTN is a multi-functional oil. It supports three main applications: heat transfer; quenching; and light general purpose circulatory system.

APPLICATION:

Heat transfer oil:

It is a naphthenic mineral based heat transfer oil for Godet ovens in the textile industry, selected for high levels of thermal stability and specific heat and thermal conductivity. It is also recommended for non-pressurized, closed liquid phase heating system operating at bulk-fluid temperatures up to 320°C, and a maximum film temperature of 340°C.

Quenching oil:

It is used where normal speed general purpose quenching oil is required. Good results are obtained with minimum distortion. Usual operating temperatures are between 20°C and 80°C, although a consistent temperature should be maintained to ensure uniform quenching characteristics.

General purpose circulatory system oil:

It is recommended for use where the extra oxidation resistance or load carrying characteristics of additive treated oils are not required. It can be used with high speed bearings and spindles, air line lubrication on machine tools, ring-oiled and wick-fed bearings, vacuum pumps and machine tools.

FEATURES & BENEFITS:

Heat transfer:

- Excellent heat transfer properties and consistently high heat transfer performance.
- A long and trouble free service due to excellent oxidation resistance.
- Ease of circulation even when a system is started from cold.

Quenching:

- High flash point reduces fire risk as well as losses due to evaporation and fuming.
- Contains excellent oxidation stability.
- Reduced sludge build up and thickening of the oil.
- Reduced acid build up decreases the possibility of staining.

General purpose circulatory system:

- The high demulsibility ensures that water contamination will separate readily from the oil when removed by centrifuge or drain.
- Higher productivity and extended equipment life.

PACKAGING:

Castrol Perfecto HTN is available in 210 litre drums.

TYPICAL CHARACTERISTICS:

Castrol Perfecto HTN	
Product Code No	34343
Density at 20°C	0.8692
Kinematic Viscosity at 40°C	30.5
Kinematic Viscosity at 100°C	5.172
Viscosity Index	95
Flash Point (PMCC) °C	220
Flash Point (COC) °C	220
Pour Point °C	-9
Demulsibility	30
Colour	1
Appearance	bright & clear

Last Edited: 02/04/2007

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