

Perfecto HT 5

Teplonosný olej

Description

Castrol Perfecto HT 5 je olej pre prenos tepla vyrobený z rafinátu s vysokým viskozitným indexom a s vysokou termickou a oxidačnou odolnosťou.

Application

Perfecto HT 5 je primárne určený pre uzavreté systémy s teplotou až 300 °C. Môže byť tiež použitý v otvorených systémoch s oveľa nižšou teplotou náplne.

Perfecto HT 5 vďaka svojej rozpúšťacej schopnosti a vysokej termálnej stabilite môže byť použitý aj ako preplachovací turbínový olej.

Advantages

- Starostlivo kontrolované parametre pomáhajú minimalizovať tvorbu nánosov v tepelných výmenníkoch tak, aby bola zaistená efektívnosť prenosu tepla.
- Vysoká teplotná odolnosť umožňuje prevádzku v uzavretých systémoch až do teploty náplne 300 °C.

Typical Characteristics

Name	Method	Units	Perfecto HT 5
Hustota pri 15 °C	ISO 12185 / ASTM D4052	kg/m ³	868
Kinematická viskozita pri 40 °C	ISO 3104 / ASTM D445	cSt	30,5
Kinematická viskozita pri 100 °C	ISO 3104 / ASTM D445	cSt	5,28
Viskozitný index	ISO 2909 / ASTM D2270	-	106
Bod tuhnutia	ISO 3016 / ASTM D97	°C	-9
Bod vzplanutia (PMCC)	ISO 2719 / ASTM D93	°C	210
Bod vzplanutia (COC)	ISO 2592 / ASTM D92	°C	220
Bod horenia	ISO 2592 / ASTM D92	°C	249
Farba	IP 196	-	2,0
Neutralizačné číslo	ISO 6618 / ASTM D974	mgKOH/g	<0,05
Merné teplo pri 15 °C	ASTM D 2766	kJ/kg, °C	186
Tepelná vodivosť pri 15 °C	ASTM D2717	W/m°C	0,133
Počiatok destilácie	-	°C	343
Destilácie 10 % pri	-	°C	390
Destilácie 900 % pri	-	°C	454
Koeficient tepelnej zozľaditeľnosti na 1°C pri 15°C	ASTM D1903	-	0,00077

Podlieha bežným výrobným toleranciam.

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Page: 2/2