

# IFO-180cst

	UNITS	LIMIT	RME180	TEST METHOD REFERENCE
Kinematic viscosity at 50 °C	mm <sup>2</sup> /S	max.	180,00	ISO 3104
Kinematic viscosity at 40 °C	mm <sup>2</sup> /S	max.		ISO 3104
Kinematic viscosity at 40 °C	mm <sup>2</sup> /S	min.		ISO 3104
Density at 15 °C	kg/m <sup>3</sup>	max.	991,0	ISO 3675 or ISO 12185
CCAI		max.	860	
Flash point	°C	min.	60	ISO 2719
Pour point (upper)	°C	Winter	30	ISO 3016
Pour point (upper)	°C	Summer	30	ISO 3016
Cloud point	°C	max.		ISO 3015
Cetane index	-	min.		ISO 4264
Carbon residue: micro method on the 10 % volume distillation residue	mass %	max.		ISO 10370
Carbon residue: micro method	mass %	max.	15,00	ISO 10370
Ash	mass %	max.	0,07	ISO 6245
Hydrogen sulfide	mg/kg	max.	2,00	IP 570
Total sediment by hot filtration	mass %	max.	0,10	ISO 10307-1/2
Water	volume %	max.	0,50	ISO 3733
Sulfur	mass %	max.		ISO 8754 - ISO 14596
Vanadium	mg/kg	max.	150	IP 501, IP 470 or ISO 14597
Aluminium plus silicon	mg/kg	max.	50	IP 501, IP 470 or ISO 10478



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# IFO-380cst

	UNITS	LIMIT	RME380	TEST METHOD REFERENCE
Kinematic viscosity at 50 °C	mm <sup>2</sup> /S	max.	380,00	ISO 3104
Kinematic viscosity at 40 °C	mm <sup>2</sup> /S	max.		ISO 3104
Kinematic viscosity at 40 °C	mm <sup>2</sup> /S	min.		ISO 3104
Density at 15 °C	kg/m <sup>3</sup>	max.	991,0	ISO 3675 or ISO 12185
CCAI		max.	870	
Flash point	°C	min.	60	ISO 2719
Pour point (upper)	°C	Winter	30	ISO 3016
Pour point (upper)	°C	Summer	30	ISO 3016
Cloud point	°C	max.		ISO 3015
Cetane index	-	min.		ISO 4264
Carbon residue: micro method on the 10 % volume distillation residue	mass %	max.		ISO 10370
Carbon residue: micro method	mass %	max.	18,00	ISO 10370
Ash	mass %	max.	0,10	ISO 6245
Hydrogen sulfide	mg/kg	max.	2,00	IP 570
Total sediment by hot filtration	mass %	max.	0,10	ISO 10307-1/2
Water	volume %	max.	0,50	ISO 3733
Sulfur	mass %	max.		ISO 8754 - ISO 14596
Vanadium	mg/kg	max.	350	IP 501, IP 470 or ISO 14597
Aluminium plus silicon	mg/kg	max.	60	IP 501, IP 470 or ISO 10478



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