

Fuel Specifications

No. 2 Fuel Oil

The No. 2 Fuel Oil shall comply with the fuel specifications as per Table 1 and in all other respects comply with the ISO 8217 Fuel Standard for specifications of marine fuels or Class "A" fuel oil.

Table 1: Fuel Specifications

Property	Unit	Threshold Value		Standard
Kinematic viscosity at 40°C	mm ² /s (cSt)	Max.	6.00	ISO 3104, ASTM D7042, ASTM D445, DIN EN 16896
		Min.	2.000	
Density at 15°C	kg/m ³	Max.	890.0	ISO 3675, ISO 12185
		Min.	820.0	
Cetane index & cetane number		Min.	40	ISO 4264 & ISO 5165
Sulphur content	% (m/m)	Max.	1.0	ISO 8754, ISO 14596, ASTM D 4294, DIN 51400-10
Flash point	°C	Min.	60.0	ISO 2719
Hydrogen sulphide	mg/kg	Max.	2.0	IP 570
Acid number	mg KOH/g	Max.	0.5	ASTM D664
Corrosion on copper	Class	Max.	1	ISO 2160
Oxidation stability	g/m ³	Max.	25	ISO 12205, EN 15751
	h	Min.	20	
Carbon residue	% (m/m)	Max.	0.30	ISO 10370
Appearance	–	–	Clear & haze free	visually
Water content	% (m/m)	Max.	0.02	DIN 51777, DIN EN 12937, ASTM D6304
Ash content	% (m/m)	Max.	0.010	ISO 6245
Lubricity	µm	Max.	520	ISO 12156-1, ASTM D6079
Heat of combustion value (HHV)	BTU/LB	Min.	19,000	ASTM D4868