

ISO 8217:2010

Fuel Standard for Marine Residual Fuels

Low Sulphur Fuel Oil

Parameter	Unit	Limit	RMA 10	RMB 30	RMD 80	RME 180	RMG				RMK		
							180	380	500	700	380	500	700
Viscosity at 50°C	mm²/s	Max.	10.0	30.0	80.0	180.0	180.0	380.0	500.0	700.0	380.0	500.0	700.0
Density at 15°C	kg/m³	Max.	920.0	960.0	975.0	991.0	991.0				1010.0		
Micro Carbon Residue	mass %	Max.	2.50	10.00	14.00	15.00	18.00				20.00		
Aluminium + Silicon	mg/kg	Max.	25	40		50	60						
Sodium	mg/kg	Max.	50	100		50	100						
Ash	mass %	Max.	0.040	0.070			0.100				0.150		
Vanadium	mg/kg	Max.	50	150			350				450		
CCAI	-	Max.	850	860			870						
Water	% V/V	Max.	0.30	0.50									
Pour point (upper) in Summer	°C	Max.	6		30								
Pour point (upper) in Winter	°C	Max.	0		30								
Flash point	°C	Max.	60.0										
Sulphur	mass %	Max.	0.50										
Total Sediment, aged	mass %	Max.	0.10										
Acid Number	mg KOH/g	Max.	2.5										
Used lubricanting oils (ULO) Calcium and Zinc; or Calcium and Phosphorus	mg/kg	-	The fuel shall be free from ULO, and shall be considered to contain ULO when either one of the following conditions is met: Calcium > 30 and zinc > 15; or Calcium > 30 and phosphorus > 15.										
Hydrogen sulphide	mg/kg	Max.	2.00										

(The above is a service for informational purposes only. Navi Bunker assumes no responsibility for any errors or omissions.)