

ISO8217:2017(E)\*

## Residual Marine Fuels

Characteristics	Limit	RMA 10
Viscosity at 50°C (mm <sup>2</sup> /s)	Max.	10.00
Density at 15°C (kg/m <sup>3</sup> )	Max.	920.0
Micro Carbon Residue (% m/m)	Max.	2.50
Aluminium + Silicon (mg/kg)	Max.	25
Sodium (mg/kg)	Max.	50
Ash (% m/m)	Max.	0.040
Vanadium (mg/kg)	Max.	50
CCAI	Max.	850
Water (% V/V)	Max.	0.30
Pour point (upper) in Summer (°C)	Max.	
Pour point (upper) in Winter (°C)	Max.	
Flash point (°C)	Min.	
Sulphur (% m/m)	Max.	
Total Sediment, aged (% m/m)	Max.	
Acid Number (mgKOH/g)	Max.	
Used lubricating oils (ULO): Calcium and Zinc; or Calcium and Phosphorus (mg/kg)		
Hydrogen sulphide (mg/kg)	Max.	

\* no substitute for full ISO-specs, without further description details and without engagement



RMB 30	RMD 80	RME 180	RMG				RMK		
			180	380	500	700	380	500	700
30.00	80.00	180.0	180.0	380.0	500.0	700.0	380.0	500.0	700.0
960.0	975.0	991.0	991.0				1010.0		
10.00	14.00	15.00	18.00				20.00		
40		50	60						
100		50	100						
0.070			0.100				0.150		
150			350				450		
860			870						
0.50									
6					30				
0					30				
60.0									
To comply with statutory requirements as defined by purchaser									
0.10									
2.5									
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.									
2.00									

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