



ISO 8217:2005

Fuel Standard for Marine Residual Fuels

Marine Residual Fuels

Characteristic	Unit	Limit	RMA 30	RMB 30	RMD 80	RME 180	RMF 180	RMG 380	RMH 380	RMK 380	RMH 800	RMK 700
Viscosity at 50 °C	mm ² /s	Max	30.0		80.0	180.0		380.0		700.0		
Density at 15°C	kg/m ³	Max	960.0	975.0	680.0	991.0		991.1	1010.0	991.0	1010.0	
Micro Carbon Residue	% m/m	Max	10		14	15	20	18	22		22	
Aluminum + Silicon	mg/kg	Max	80		80	80		80		80		
Ash	% m/m	Max	0.10		0.10	0.10	0.15	0.15	0.15		0.15	
Vanadium	mg/kg	Max	150		350	200	500	300	600		600	
Water	% V/V	Max	0.50		0.5	0.5		0.5		0.5		
Pour Point (Upper)	Summer	°C	Max	6	24	30	30		30		30	
	Winter			0	24	30	30		30		30	
Flash Point	°C	Min	60		60	60		60		60		
Sulphur	% m/m	Max	3.5		4.00	4.50		4.50		4.50		
Total Sediment, Potential	% m/m	Max	0.10		0.10	0.10		0.10		0.10		
Zinc	mg/kg	Max	15									
Phosphorus	mg/kg	-	15									
Calcium	mg/kg	Max	30									

The above information is for informational purposes only.
 Clipper Oil assumes no responsibility for any errors or omissions.