

➤ Residual fuel

Marine Residual fuels (ISO 8217: 2005)

PARAMETERS	Unit	RME 180	RMG 380	Test method
Density (at 15°C) ,	kg/m ³	Max 991.0	Max 991.0	ISO 3675
Viscosity (at 50°C) kinematic viscosity and calculation of dynamic viscosity	mm ² /s(cSt)	Max 180.0	Max 380.0	ISO 3104
Water content %vol	%V/V	Max 0.5	Max 0.5	ISO 3733
Micro carbon residue(Carbon residue- micro method)	%m/m	Max 15	Max 18	ISO 10370
Sulphur content %wt	%m/m	Max 3.5	Max 3.5	ISO 8754
Total Sediment, Potential(%m/m)	%m/m	Max 0.10	Max 0.10	ISO 10307-2
Ash content %	%m/m	Max 0.15	Max 0.15	ISO 6245
Vanadium	mg/kg	Max 200	Max 300	ISO 14597/ IP 501 / IP 470
Aluminium + silicon	mg/kg	Max 80	Max 80	ISO 10478 / IP 501 / IP 470
Flash point (PMcc)	°C	Min 60	Min 60	ISO 2719
Pour point in Summer	°C	Max 30	Max 30	ISO 3016
Pour point in winter	°C	Max 30	Max 30	ISO 3016
Zinc	mg/kg	Max 15	Max 15	IP 501 / IP 470
Phosphorous	mg/kg	Max 15	Max 15	IP 501 / IP 470
Calcium	mg/kg	Max 30	Max 30	IP 501 or IP 470