Table 2 - Residual marine fuels

Characteristic		Unit	Limit	Category ISO-F-RMG 380	Test method reference
Kinematic viscocity at 50° C		mm^2/s	max.	380,0	ISO 3104
Density at 15° C		kg/m^3	max.	991,0	see 7.1 ISO 3675 or ISO 12185
CCAI		-	max.	870	see 6.3 a)
Sulfur		mass %	max.	Statutory requirements	see7.2 ISO 8754 ISO 14596
Flash point		℃	min.	60,0	see 7.3 ISO 2719
Hydrogen sulfide		mg/kg	max.	2,00	see 7.11 IP 570
Acid number		mg KOH/g	max.	2,5	ASTM D664
Total Sendiment Aged		mass %	max.	0,10	see 7.5 ISO 10307-2
Carbon residue: micro method		mass %	max.	18,00	ISO 10370
Pour point (upper)	**winter quality**	℃	max.	30	ISO 3016
	summer quality	℃	max.	30	ISO 3016
Water		volume %	max.	0,50	ISO 3733
Ash		mass %	max.	0,100	ISO 6245
Vanadium		mg/kg	max.	350	see 7.7 IP 501, IP 470 or ISO 14597
Sodium		mg/kg	max.	100	see 7.8 IP 501 IP 470
Aluminum plus silicon		mg/kg	max.	60	see 7.9 IP 501, IP 470 or ISO 10478
Used lubricating oils (ULO): ---calcium and zinc; or ---calcium and phosphorus		mg/kg	-	The fuel shall be free from ULO. A fuel 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	see 7.10 IP 501 or IP 470 IP 500