

ISO 8217: 2010 ISO RMG 380

Characteristic	Limit	RMG 380	Test
Acid number mg KOH/g	max	2.5	ASTM D664
Aluminum plus Silicon mg/kg	max	60	ISO 501, IP 470 or ISO 10476
Ash % (m/m	max	0.10	ISO 6245
Carbon Residue: Micro method mass %	max	18	ISO 10370
CCAI	max	870	
Density at 15°C	max	991.0	ISO 3675 or ISO 12185
Flash Point ° C	min	60	ISO 2719
Hydrogen Sulfide mg/kg	max	2.00	IP 570
Kinematic Viscosity at 50° C	max	380	ISO 3014
Pour point Pour point (upper) C°			
-Winter Quality	max	-6	ISO 3016
-Summer Quality	max	0	ISO 3016
Sodium mg/kg	max	100	IP 501 or IP 470
Sulphur mass %	max	Statutory Requirement*	ISO 8754 or ISO 14596
Vanadium mg/kg	max	350	ISO 501, IP 470 or ISO 14597

Used lubricating oils (ULO):

The fuel shall be free from ULO. A fuel shall be considered when one of the following conditions are met:

Calcium and Zinc: mass %

calcium > 30 and zinc > 15; or
calcium > 30 and phosphorous > 15
IP 501 or IP 470 or IP 500

*SULPHUR 3.5% FOR SCRUBBER FIT VESSELS

**SULPHUR MAX 0.5% FOR FUEL OILS FOR NON-SCRUBBER VESSELS