



RESIDUAL FUEL STANDARD

ISO 8217 - 2012

Characteristic	Unit	Limit	RMG 30/40	RMD 80	RMG 120	RMG 180	RMG 380	RMG 500	RMG 700	RMK 380	RMK 500	RMK 700	Test method reference
Density at 15°C	kg/m ³	max.	991	975	991	991				1010			ISO 3675 or ISO 12185
Kinematic viscosity at 50°C	mm ² /s ^a	max.	30/40	80	120	180	380	500	700	380	500	700	ISO 3104
Flash point	°C	min.	60	60	60	60				60			ISO 2719
Pour point (upper) (win.q.)	°C	max.	30	30	30	30				30			ISO 3016
Pour point (upper) (sum.q.)	°C	max.	30	30	30	30				30			ISO 3016
Carbon residue: micro method	% (m/m)	max.	10	14	14	15	18	18	18	20			ISO 10370
Ash	% (m/m)	max.	0,07	0,07	0,07	0,10				0,15			ISO 6245
Water	% (V/V)	max.	0,5	0,07	0,5	0,5				0,5			ISO 3733
Sulfur	% (m/m)	max.	Stat. req	0,1	Statutory requirement								ISO 8754 or ISO 14596
Vanadium	mg/kg	max.	150	150	150	350				450			ISO 14597 or IP 501 or IP 470
Total sediment aged	% (m/m)	max.	0,1	0,1	0,1	0,1				0,1			ISO 10307-2
Hydrogen sulfide	mg/kg	max.	2	2	2	2				2			IP 570
Acid number	mgKOH/g	max.	2,5	2,5	2,5	2,5				2,5			ASTM D 654
Sodium content	mg/kg	max.	100	100	100	100				100			IP 501, IP 470
Used Lubricating Oils (ULO)	mg/kg		The fuel shall be free from ULO . A fuel shall be considered to contain ULO when either one of the conditions is met: calcium > 30 and zinc > 15; or calcium > 30 and phosphorus >15										IP 501 or IP 470, IP 500
Aluminium plus silicon	mg/kg	max.	40	40	40	60				60			ISO 10478 or IP 501 or IP 470
CCAI	—	max.	860	860	860	870				870			