SPECTRA FUELS

Spectra Fuels - Bunkering at Worldwide Ports
Email us: bunkers@SpectraFuels.com Call us: +91 9920447859

ISO 8217: 2010

RMG 380

Characteristic	Unit	Limit	RMG 380
Density at 15^0C	kg/m^3	Max.	991
CCAI	-	Max.	870
Kinematic viscosity at 50^OC	mm^2/s^a	Max.	380
Flash Point	^{O}C	Min.	60,0
Pour Point (upper)[b]			
-Winter quality	^{O}C	Max.	30
-Summer quality			30
Carbon residue: Micro Method	Mass %	Max.	18,00
Ash	Mass %	Max.	0,100
Water	Volume %	Max.	0,50
Sulfur [c]	% (m/m)	Max.	Statutory Requirements
Sodium	mg/kg	Max.	100
Vanadium	mg/kg	Max.	350
Total sediment aged	Mass %	Max.	0,10
Aluminium plus Silicon	mg/kg	Max.	60
Used lubricating oil (ULO)	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 and Zinc, or Calcium and Phosphorous			Calcium> 30 and Zinc > 15; or Calcium> 30 and Phosphorus >15

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RME 180

Characteristic	Unit	Limit	RME 180
Density at 15^0C	kg/m^3	Max.	991
CCAI	-	Max.	870
Kinematic viscosity at 50^OC	mm^2/s^a	Max.	180
Flash Point	^{O}C	Min.	60,0
Pour Point (upper)[b]			
-Winter quality	^{O}C	Max.	30
-Summer quality			30
Carbon residue: Micro Method	Mass %	Max.	18,00
Ash	Mass %	Max.	0,100
Water	Volume %	Max.	0,50
Sulfur [c]	% (m/m)	Max.	Statutory Requirements
Sodium	mg/kg	Max.	100
Vanadium	mg/kg	Max.	350
Total sediment aged	Mass %	Max.	0,10
Aluminium plus Silicon	mg/kg	Max.	60
Used lubricating oil (ULO)	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 and Zinc, or Calcium and Phosphorous			Calcium> 30 and Zinc > 15; or Calcium> 30 and Phosphorus >15

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DMA

Characteristic	Unit	Limit	DMA
Density at 15^0C	kg/m^3	Max.	890,0
Kinematic Viscosity at 40^OC	mm^2/sb	Min.	6,000
		Max.	2,000
Flash Point	^{O}C	Min.	60,0
Pour Point (upper)[b]			
-Winter quality	^{O}C	Max.	-6
-Summer quality			0
Hydrogen Sulfide	mg/kg	Max.	2,00
Cloud Point	^{O}C	Max.	-6
Sulfur b	Mass %	Max.	Statutory Requirements
Cetane Index	-	Min.	40
Carbon residue on 10% Volume distillation residue	Mass %	Max.	0, 30
Carbon Reside: Micro Method	Mass %	Max.	-
Cloud Point	^{O}C	Max.	-16
Ash	Mass %	Max.	0,010
Total sediment by hot filitration	Mass %	Max.	-
Water	Volume %	Max.	-
Acid Number	mg KOH/g	Max.	0,5
Lubricity, corrected wear scar diameter (wsd 1,4) at 60 ^{O}C [h]	µm	Max.	520
Oxidation Stability	g/m3	Max.	25