



bunkers@spectrafuels.com

**ISO 8217 2010
RMG 380**

Characteristics	Value
- Density at 15 deg C kg/m ³ max	991.0
- Kinematic viscosity at 50 deg C mm ² /s max	380.0
- CCAI	870
- Flash point deg C min	60
- Hydrogen Sulphide mg/kg max	2.00
- Acid Number mg KOH/g max	2.50
- Pour point (upper) deg C Winter quality max	30
- Pour Point (upper) deg C Summer quality max	30
- Carbon residue : Micro Method mass % max	18
- Ash % (m/m) max	0.1
- Water %(v/v) max	0.5
- Sulphur % (m/m) max	Statutory Requirements
- Vanadium mg/kg max	350
- Sodium mg/kg max	100
- Total Sediment Aged mass % max	0.10
- Aluminums plus Silicon mg/kg max	60
- Used Lubricating Oil (ULO) mg/kg	The fuel shall be considered to contain ULO when either one of following conditions is met
	Calcium >30 and Zinc >15 or
	Calcium >30 and Phosphorus >15



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**ISO 8217 2010
RME 180**

Characteristics	Value
- Density at 15 deg C kg/m ³ max	991.0
- Kinematic viscosity at 50 deg C mm ² /s max	180
- CCAI	860
- Flash point deg C min	60
- Hydrogen Sulphide mg/kg max	2.00
- Acid Number mg KOH/g max	2.50
- Pour point (upper) deg C Winter quality max	30
- Pour Point (upper) deg C Summer quality max	30
- Carbon residue : Micro Method mass % max	15
- Ash % (m/m) max	0.1
- Water %(v/v) max	0.5
- Sulphur % (m/m) max	Statutory Requirements
- Vanadium mg/kg max	150
- Sodium mg/kg max	50
- Total Sediment Aged mass % max	0.10
- Aluminums plus Silicon mg/kg max	50
- Used Lubricating Oil (ULO) mg/kg	The fuel shall be considered to contain ULO when either one of following conditions is met
	Calcium >30 and Zinc >15 or
	Calcium >30 and Phosphorus >15



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DMA

Characteristics	Value
- Density at 15 deg C kg/m ³ max	890.0
- Viscosity at 40 deg C mm ² /s min	2
- Viscosity at 40 deg C mm ² /s max	6.000
- Flash point deg C min	60
- Hydrogen Sulfide mg/kg max	2
- Acid Number mg KOH/g max	0.5
- Total Sediment by hot filtration	-
- Oxidation Stability g/m ³ max	25
- Pour point (upper) deg C Winter quality max	-6
- Pour Point (Upper) deg C Summer quality max	0
- Cloud point deg C max	-
- Sulphur % (m/m) max	1.50
- Cetane index min	40
- Carbon residue Micro Method on 10% Volume distillation residue mass %	0.30
- Carbon residue	-
- Ash % (m/m) max	0.01
- Appearance	Clear & Bright
- Water % (V/V) max	-