

ISO 8217: 2010 MGO DMA

Characteristic	Limit	DMA	Test
Acid Number mg/KOH/g	Max	0.50	ASTM D664
Appearance	-	Clear and Bright	ISO see 7.4 or 7.5
Ash % (m/m)	max	0.01	ISO 6245
Carbon Residue % m/m	max	0.30	ISO 10370
Carbon Micro method % m/m	max	-	ISO 10370
Cetane index	min	40	ISO 4264
Cloud point, C°	-		ISO 3015
Density at 15° C, kg/m ³ , kg/m ³	max	890.0	ISO 3675 or ISO 12185
Flash Point, C°	min	60	ISO 2719
Hydrogen Sulfide mg/kg	max	2.00	IP 570
Kinematic Viscosity @40° C m/m ₂ /s	min max	2.00 6.00	ISO 3104
Lubricity. Corrected wear	max	520	ISO 12156-1
Oxidation stability g/m ³	max	25	ISO 12205
Pour point (upper) C°			
-Winter Quality	max	-6	ISO 3016
-Summer Quality	max	0	ISO 3016
Sulphur, % (m/m)	max	*	ISO 8754 OR ISO 14596
Total Existent Sediment % m/m	max	-	ISO 10307-1
Vanadium, mg/kg	max	-	ISO 14597 OR IP 501 or IP 470
Kinematic Viscosity at 40 C°	max min	6 CST 2 CST	ISO 3104
Water, % (V/V)	max	-	ISO 3733

*ECA Regulation mandate max 0.1% sulphur to be burned in ECA zones