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Attachment A: Technical Specifications of EN590 Diesel 10 PPM

Characteristics	Units	Oil EN590 10 PPM	Test Methods
Cetane Number	-	Minimum 51.0	EN ISO 5165
Cetane Index	-	Minimum 46.0	EN ISO 4264
Density at 15°C	Kg/m ³	822.40 to 845	EN ISO 3675 / EN ISO 12185
Polycyclic Aromatic	% m/m	Maximum 11	EN ISO 12916
Sulphur Content	mg/kg	Maximum 10	EN ISO 24260 / 8754 / 14596
Distillation (various % collected)	°C	Minimum 250-360	EN ISO 3405
Kinematic Viscosity at 40°C	mm ² /s	2.00 to 4.50	EN ISO 3104
Flash Point	°C	>55	EN ISO 22719
Cold Filter Plug Point	°C	Winter max 10, Summer max 0	-
Haze Point	°C	Winter max 0, Summer max 6	ASTM 42500 / D5771 / D5772 / D5773
Carbonaceous Residue	% m/m	Maximum 0.30	EN ISO 10370
Anti-Friction Property	Mu	Maximum 460	ISO 12156-1
Water and Sediments	% v/v	-	ASTM D 2709
Solid Particles	mg/kg	Maximum 24	EN 12662
Ash Content	% m/m	Maximum 0.01	EN ISO 6245
Corrosion to Copper (3h at 50°C)	ASTM	Maximum 1b	EN ISO 2160
Oxidation Stability	g/m ³	Maximum 25	EN ISO 12205
Colour (ASTM)	-	Maximum 2	ASTM D 1500
Transparency and Gloss	-	Complies	ASTM D 4176