TRIUMPH3 TRADING

Table 1 - Generally applicable requirements and test methods

Property	Unit	Limits		Test method [a]
		minimum	maximum	(See 2. Normative references)
Cetane number [b]		**51,0**	–	EN ISO 5165 EN 15195
Cetane index		46,0	–	EN ISO 4264
Density at 15 °C [c]	**kg/m³**	820,0	**845,0**	EN ISO 3675 EN ISO 12185
Polycyclic aromatic hydrocarbons [d]	**% (*m/m*)**	–	**11**	EN 12916
Sulfur content [e]	**mg/kg**	–	**50,0** until 2008-12-31	EN ISO 20846 EN ISO 20847 EN ISO 20884
			10,0	EN ISO 20846 EN ISO 20884
Flash point	°C	Above 55	–	EN ISO 2719
Carbon residue [f] (on 10 % distillation residue)	% (*m/m*)	–	0,30	EN ISO 10370
Ash content	% (*m/m*)	–	0,01	EN ISO 6245
Water content	mg/kg	–	200	EN ISO 12937
Total contamination	mg/kg	–	24	EN 12662 [g]
Copper strip corrosion (3 h at 50 °C)	rating	class 1		EN ISO 2160
Fatty acid methyl ester (FAME) content [h]	**% (*V/V*)**	-	**7,0**	**EN 14078**
Oxidation stability	g/m³ h	– 20	25 -	EN ISO 12205 EN 15751 [i]
Lubricity, corrected wear scar diameter (wsd 1,4) at 60 °C	µm	–	460	EN ISO 12156-1
Viscosity at 40 °C	mm²/s	2,00	4,50	EN ISO 3104
Distillation [k,l] % (*V/V*) recovered at 250 °C % (*V/V*) recovered at 350 °C **95 % (*V/V*) recovered at**	 % (*V/V*) % (*V/V*) **°C**	 85 	 < 65 **360**	EN ISO 3405

NOTE Requirements in bold refer to the European Fuels Directive 98/70/EC [1], including Amendment 2003/17/EC [2]

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