

ISO 8217 2017 FUEL STANDARD FOR MARINE DISTILLATE FUELS

MARINE DISTILLATE FUELS

Limit	Parameter	DMX	DMA	DFA	DMZ	DFZ	DMB	DFB
Max.	Viscosity at 40°C (mm ² /s)	5.500	6.000		6.000		11.00	
Min.	Viscosity at 40°C (mm ² /s)	1.400	2.000		3.000		2.000	
Max.	Micro Carbon Residue at 10% Residue (% m/m)	0.30	0.30		0.30		-	
Max.	Density at 15°C (kg/m ³)	-	890.0		890.0		900.0	
Max.	Micro Carbon Residue (% m/m)	-	-		-		0.30	
Max.	Sulphur (% m/m)	1.00	1.00		1.00		1.50	
Max.	Water (% V/V)	-	-		-		0.30	
Max.	Total sediment by hot filtration (% m/m)	-	-		-		0.10	
Max.	Ash (% m/m)	0.010	0.010		0.010		0.010	
Min.	Flash point (°C)	43.0	60.0		60.0		60.0	
Max.	Pour point in Winter (°C)	-	-6		-6		0	
Max.	Pour point in Summer (°C)	-	0		0		6	
Max.	Cloud point in Winter (°C)	-16	Report		Report		-	
Max.	Cloud point in Summer (°C)	-16	-		-		-	
Max.	Cold filter plugging point in Winter (°C)	-	Report		Report		-	
Max.	Cold filter plugging point in Summer (°C)	-	-		-		-	
Min.	Calculated Cetane Index	45	40		40		35	
Max.	Acid Number (mgKOH/g)	0.5	0.5		0.5		0.5	
Max.	Oxidation stability (g/m ³)	25	25		25		25	
Max.	Fatty acid methyl ester (FAME)	-	-	7.0	-	7.0	-	7.0
Max.	Lubricity, corrected wear scar diameter (wsd 1.4 at 60°C) (um)	520	520		520		520	
Max.	Hydrogen sulphide (mg/kg)	2.00	2.00		2.00		2.00	
	Appearance	Clear & Bright					-	

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