



Korea Ocean Energy Co., Ltd.  
(주)코리아해양에너지

## ISO 8217 2017 MARINE DISTILLATE FUELS

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Limit	Parameter	DMX	DMA	DFA	DMZ	DFZ	DMB	DFB	
Max.	Viscosity at 40°C (mm <sup>2</sup> /s)	5.500	6.000		6.000		11.00		
Min.	Viscosity at 40°C (mm <sup>2</sup> /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 <sup>3</sup> )	-	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 <sup>3</sup> )	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) (µm)	520	520		520		520		
Max.	Hydrogen sulphide (mg/kg)	2.00	2.00		2.00		2.00		
	Appearance	Clear & Bright						-	