

ISO8217:2017(E)\*

## Distillate Marine Fuels

Characteristics	Limit	DMX
Viscosity at 40°C (mm <sup>2</sup> /s)	Max.	5.500
Viscosity at 40°C (mm <sup>2</sup> /s)	Min.	1.400
Micro Carbon Residue at 10% Residue (% m/m)	Max.	0.30
Density at 15°C (kg/m <sup>3</sup> )	Max.	-
Micro Carbon Residue (% m/m)	Max.	-
Sulphur (% m/m)	Max.	1.00
Water (% V/V)	Max.	-
Total sediment by hot filtration (% m/m)	Max.	-
Ash (% m/m)	Max.	0.010
Flash point (°C)	Min.	43.0
Pour point in Winter (°C)	Max.	-
Pour point in Summer (°C)	Max.	-
Cloud point in Winter (°C)	Max.	-16
Cloud point in Summer (°C)	Max.	-16
Cold filter plugging point in Winter (°C)	Max.	-
Cold filter plugging point in Summer (°C)	Max.	-
Calculated Cetane Index	Min.	45
Acid Number (mgKOH/g)	Max.	0.5
Oxidation stability (g/m <sup>3</sup> )	Max.	25
Fatty acid methyl ester (FAME)	Max.	-
Lubricity, corrected wear scar diameter (wsd 1.4 at 60°C) (um)	Max.	520
Hydrogen sulphide (mg/kg)	Max.	2.00
Appearance		Cl

\* no substitute for full ISO-specs, without further description details and without engagement



DMA	DFA	DMZ	DFZ	DMB	DFB
6000		6000		11.00	
2.000		3.000		2.000	
0.30		0.30		-	
890.0		890.0		900.0	
-		-		0.30	
1.00		1.00		1.50	
-		-		0.30	
-		-		0.10	
0.010		0.010		0.010	
60.0		60.0		60.0	
-6		-6		0	
0		0		6	
Report		Report		-	
-		-		-	
Report		Report		-	
-		-		-	
40		40		35	
0.5		0.5		0.5	
25		25		25	
-	7.0	-	7.0	-	7.0
520		520		520	
2.00		2.00		2.00	
leas & Bright					-

email: bunkers@calpam.de  
 phone: +49-40-306862-0