

**ISO 8217:2010**  
**Fuel Standard for Distillate Marine Fuels**



Characteristics	Unit	Limit	DMX	DMA	DMZ	DMB
Viscosity at 40°C	mm <sup>2</sup> /s	max.	5.500	6.000	6.000	11.00
Viscosity at 40°C	mm <sup>2</sup> /s	min.	1.400	2.000	3.000	2.000
Density at 15°C	kg/m <sup>3</sup>	max.	-	890.0	890.0	900.0
Cetane index	-	min.	45	40	40	35
Sulfur	mass %	max.	1.00	1.50	1.50	2.00
Flash point	°C	min.	43	60		
Hydrogene sulfide	mg/kg	max.	2.00			
Acid number	mg KOH/g	max.	0.50			
Oxidation stability	g/m <sup>3</sup>	max.	25			
Total sediment by hot filtration	mass %	max.	-	-	-	0.10
Micro Carbon residue at 10% residue	mass %	max.	0.30	0.30	0.30	-
Micro Carbon residue	mass %	max.	-	-	-	0.30
Pour Point (Summer)	°C	max.	0	0	0	6
Pour Point (Winter)	°C	max.	-6	-6	-6	0
Cloud point	°C	max.	-16	-	-	-
Water	volume %	max.	-	-	-	0.30
Ash	mass %	max.	0.010			
Lubricity, corrected wear scar diameter (wsd 1.4) at 60°C	µm	max.	520			
Appearance	-	-	clear & bright			-

The above is a service for informational purpose only. North Sea Bunker GmbH assumes no responsibility for any errors or omissions.

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