

MARINE DISTILLATE FUELS

Limit	Parameter	DMX	DMA	DMZ	DMB
Max.	Viscosity at 40 °C (mm ² /s)	5.5	6.0	11.0	14.0
Min.	Viscosity at 40 °C (mm ² /s)	1.4	1.5	-	-
Max.	Micro Carbon Residue at 10% Residue (% m/m)	0.30	0.30	-	-
Max.	Density at 15 °C (kg/m ³)	-	890.0	900.0	920.0
Max.	Micro Carbon Residue (% m/m)	-	-	0.30	2.50
Max.	Sulfur (% m/m)	1.0	1.5	2.0	2.0
Max.	Water (% V/V)	-	-	0.3	0.3
Max.	Total Sediment Existent (% m/m)	-	-	0.10	0.10
Max.	Ash (% m/m)	0.01	0.01	0.01	0.05
Min.	Flash point (°C)	43	60	60	60
Max.	Pour point in Summer (°C)	-	0	6	6
Max.	Pour point in Winter (°C)	-	-6	0	0
Max.	Cloud point (°C)	-16	-	-	-
Min.	Calculated Cetane Index	45	40	35	-
Max.	Vanadium (mg/kg)	-	-	-	100
Max.	Aluminium + Silicon (mg/kg)	-	-	-	25
Max.	Zinc (mg/kg)	-		-	15
Max.	Phosphorus (mg/kg)	-		-	15
Max.	Calcium (mg/kg)	-		-	30
	Appearance	Clear & Bright		-	-