

ISO 8217: 2012 FUEL STANDARD FOR MARINE DISTILLATE FUELS

PARAMETER	UNIT	LIMIT	DMX	DMA	DMZ	DMB
Kinematic Viscosity at 40°C	mm ² /S	Max	5,500	6,000	6,000	11,00
		Min	1,400	2,000	3,000	2,000
Density at 15°C	kg/m ³	Max		890,0	890,0	900,0
Calculated cetane index		Min	45	40	40	35
Sulphur	Mass %	Max	1,00	1,50	1,50	2,00
Flash point	°C	Min	43	60	60	60
Hydrogen sulphide	mg/kg	Max	2,00	2,00	2,00	2,00
Acid number	mg KOH/g	Max	0,5	0,5	0,5	0,5
Total sediment by hot filtration	Mass %	Max				0,10
Oxidation stability	g/m ³	Max	25	25	25	25
Micro Carbon Residue at 10% Residue (% m/m)	Mass %	Max	0,30	0,30	0,30	
Micro Carbon Residue (% m/m)	Mass %	Max				0,30
Cloud point	°C	Max	-16			
Pour point in Summer (upper quality)	°C	Max		0	0	6
Pour point in Winter (upper quality)	°C	Max		-6	-6	0
Water	Volume %	Max				0,30
Ash	Mass %	Max	0,010	0,010	0,010	0,010
Lubricity, corrected wear scar diameter (wsd 1,4 at 60 °C)	um	Max	520	520	520	520
Appearance			Clear and bright			

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Consider Unioil Supply as your reliable, flexible and professional partner – with a constant focus on development, optimization and improvements for clients. We strive to have positive long-term business relationships. A close dialogue has the highest priority to us to fully meet expectations.

CONTACT INFORMATION

Please contact Unioil Supply for more information about ISO specifications at:

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ISO 8217: 2012 FUEL STANDARD FOR MARINE RESIDUAL FUELS

PARAMETER	UNIT	LI-MIT	RMG											
			RMA 10	RMB 30	RMD 80	RME 180	180	380	500	700	380	500	700	
Kinematic Viscosity at 50°C	mm ² /S	Max	10,00	30,00	80,00	180,0	180,0	380,0	500,0	700,0	380,0	500,0	700,0	
Density at 15°C	kg/m ³	Max	920,0	960,0	975,0	991,0	991,0					1.010,0		
CCAI		Max	850	860			870							
Sulphur	Mass %	Max	Statutory requirements											
Flash point	°C	Min	60,0											
Hydrogen sulphide	mg/kg	Max	2,00											
Acid number	mg KOH/g	Max	2,5											
Total sediment aged	Mass %	Max	0,10											
Micro Carbon Residue (% m/m)	Mass %	Max	2,50	10,00	14,00	15,00	18,00					20,00		
Pour point in Summer (upper quality)	°C	Max	6						30					
Pour point in Winter (upper quality)	°C	Max	0						30					
Water	Volume %	Max	0,30					0,50						
Ash	Mass %	Max	0,040			0,070		0,100				0,150		
Vanadium	mg/kg	Max	50			150		350				450		
Sodium	mg/kg	Max	50		100		50		100				100	
Aluminium plus silicon	mg/kg	Max	25		40		50		60					
Used lubricating oil (ULO): - Calcium and Zinc; or - Calcium and Phosphorus	mg/kg		The fuel shall be free from ULO, and shall be considered to contain ULO when either one of the following conditions is met: - Calcium > 30 and Zinc > 15; or - Calcium > 30 and Phosphorus > 15											

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