

ISO 8217-2010 Fuel Standard

Characteristics		Unit	Limit	ISO 8217-2010 Fuel Standard			
				DMX	DMA	DMZ	DMB
Kinematic Visc. At 40°C	mm ² /s	max.	5,5	6	6	11	
		min.	1,4	2	3	2	
Density at 15°C	kg/m ³	max.	-	890	890	900	
Cetane Index	-	min.	45	40	40	35	
Sulfur	mass %	max.	1	1,5	1,5	2	
Flash Point	°C	min.	43	60	60	60	
Hydrogen Sulfide	mg/kg	max.	2	2	2	2	
Acid Number	mg KOH/g	max.	0,5	0,5	0,5	0,5	
Total sediment by hot filtration	mass %	max.	-	-	-	0,1	
Oxidation Stability	g/m ³	max.	25	25	5	25	
Carbon Residue: Micro method on the 10% volume distillation residue	mass %	max.	0,3	0,3	0,3	-	
Carbon Residue: Micro method	mass %	max.	-	-	-	0,3	
Cloud Point	°C	max.	-16	-	-	-	
Pour Point (upper)	Winter	°C	max.	-6	-6	-6	0
	Summer	°C	max.	0	0	0	6
Appearance	-	-	clear and bright				
Water	volume %	max.	-	-	-	0,3	
Ash	mass %	max.	0,01	0,01	0,01	0,01	
Lubricity corrected wear scar diameter at 60°C	µm	max.	520	520	520	520	

ISO 8217-2012 Fuel Standard

Characteristics		Unit	Limit	ISO 8217-2012 Fuel Standard			
				DMX	DMA	DMZ	DMB
Kinematic Visc. At 40°C		mm ² /s	max.	5,5	6	6	11
			min.	1,4	2	3	2
Density at 15°C		kg/m ³	max.	-	890	890	900
Cetane Index		-	min.	45	40	40	35
Sulfur		mass %	max.	1	1,5	1,5	2
Flash Point		°C	min.	43	60	60	60
Hydrogen Sulfide		mg/kg	max.	2	2	2	2
Acid Number		mg KOH/g	max.	0,5	0,5	0,5	0,5
Total sediment by hot filtration		mass %	max.	-	-	-	0,1
Oxidation Stability		g/m ³	max.	25	25	5	25
Carbon Residue: Micro method on the 10% volume distillation residue		mass %	max.	0,3	0,3	0,3	-
Carbon Residue: Micro method		mass %	max.	-	-	-	0,3
Cloud Point		°C	max.	-16	-	-	-
Pour Point (upper)	Winter	°C	max.	-	-6	-6	0
	Summer	°C	max.	-	0	0	6
Appearance		-	-	clear and bright			
Water		volume %	max.	-	-	-	0,3
Ash		mass %	max.	0,01	0,01	0,01	0,01
Lubricity corrected wear scar diameter at 60°C		µm	max.	520	520	520	520

ISO 8217-2017 Fuel Standard

Characteristics		Unit	Limit	ISO 8217-2017 Fuel Standard			
				DMX	DMA	DMZ	DMB
Kinematic Visc. At 40°C	mm ² /s	max.	5,5	6	6	11	
		min.	1,4	2	3	2	
Density at 15°C	kg/m ³	max.	-	890	890	900	
Cetane Index	-	min.	45	40	40	35	
Sulfur	mass %	max.	1	1,5	1,5	2	
Flash Point	°C	min.	43	60	60	60	
Hydrogen Sulfide	mg/kg	max.	2	2	2	2	
Acid Number	mg KOH/g	max.	0,5	0,5	0,5	0,5	
Total sediment by hot filtration	mass %	max.	-	-	-	0,1	
Oxidation Stability	g/m ³	max.	25	25	5	25	
Carbon Residue: Micro method on the 10% volume distillation residue	mass %	max.	0,3	0,3	0,3	-	
Carbon Residue: Micro method	mass %	max.	-	-	-	0,3	
Cloud Point	°C	max.	-16	-	-	-	
Pour Point (upper)	Winter	°C	max.	-6	-6	-6	0
	Summer	°C	max.	0	0	0	6
Appearance	-	-	clear and bright				
Water	volume %	max.	-	-	-	0,3	
Ash	mass %	max.	0,01	0,01	0,01	0,01	
Lubricity corrected wear scar diameter at 60°C	µm	max.	520	520	520	520	