

ISO 8217 Specs 2012, Residual Grades

Test	Unit	Limit	Category				
			DMX	DMA	DMZ	DMB	
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	
Cetane Index	-	min.	45	40	40	35	
Sulfur	mass %	max.	1,00	1,50	1,50	2,0	
Flash point	°C	min.	43,0	60,0	60,0	60,0	
Hydrogen Sulfide	mg/kg	max.	2,00	2,00	2,00	2,0	
Acid number	mg KOH/g	max.	0,5	0,5	0,5	0,5	
Total sediment by hot filtration	mass %	max.	-	-	-	0,10	
Micro Carbon Residue at 10% residue	mass %	max.	0,30	0,30	0,30	0,30	
Micro Carbon Residue	mass %	max.	-	-	-	0,30	
Cloud point	°C	max.	-16	-	-	-	
Oxidation Stability	g/m ³	max.	25	25	25	25	
Pour point (upper) °C	Winter Quality	°C	max.	-	-6	-6	0
	Summer Quality	°C	max.	-	0	0	6
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	µm	max.	520	520	520	520	