

ISO 8217 Specs 2005, Distillate Grades

Test		Unit	Limit	Category			
				DMX	DMA	DMB	DMC
Viscosity at 40°C		mm ² /s	max.	5,500	6,000	11,000	14,00
			min.	1,400	1,500	-	-
Density at 15°C		kg/m ³	max.	-	890,0	900,0	920,0
Cetane Index		-	min.	45	40	35	-
Sulfur		mass %	max.	1,00	1,50	2,0	2,0
Flash point		°C	min.	43,0	60,0	60,0	60,0
Aluminium plus Silicon		mg/kg	max.	-	-	-	25
Vanadium		mg/kg	max.	-	-	-	100
Total sediment, existent		mass %	max.	-	-	0,10	0,10
Carbon residue (10% volume distillation)		mass %	max.	0,30	0,30	-	-
Carbon residue		mass %	max.	-	-	0,30	2,50
Cloud point		°C	max.	-16	-	-	-
Appearance		-	-	Clear and Bright		-	-
Pour point (upper) °C	Winter Quality	°C	max.	-	-6	0	0
	Summer Quality	°C	max.	-	0	6	6
Water		volume %	max.	-	-	0,30	0,30
Ash		mass %	max.	0,010	0,010	0,010	0,050
A fuel shall be considered to be free of ULOs if one or more of the elements zinc, phosphorus & calcium are below or at the specific limit	Zinc	mg/kg	max.	-	-	-	15
	Phosphorus			-	-	-	15
	Calcium			-	-	-	30