

## ISO 8217 Specs 2005, Distillate Grades

Test	Unit	Limit	Category				
			DMX	DMA	DMB	DMC	
Viscosity at 40°C	mm <sup>2</sup> /s	max.	5,500	6,000	11,000	14,00	
		min.	1,400	1,500	-	-	
Density at 15°C	kg/m <sup>3</sup>	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