

## ISO 8217 Specs 2005, Residual Grades

Test	Unit	Limit	Category									
			RMA	RMB	RMD	RME	RMF	RMG	RMH	RMK	RMH	RMK
			30	30	80	180	180	380	380	380	700	700
Viscosity at 50°C	mm <sup>2</sup> /s	max.	30,0		80,0	180		380		700		
Density at 15°C	kg/m <sup>3</sup>	min.	960,0	975,0	980,0	991,0		991,0		1010,0	991,0	1010,0
	mass %	max.	3,5		4,00	4,5		4,5		4,5		
Flash point	°C	min.	60,0		60,0	60,0		60,0		60,0		
Total sediment potential	mass %	max.	0,10		0,10	0,10		0,10		0,10		
Carbon residue	mass %	max.	10,00		14,00	15,00	20,00	18,00	22,00		22,00	
Pour point (upper)	Winter Quality	°C	max.	0	24	30	30		30		30	
	Summer Quality	°C	max.	6	6	30	30		30		30	
	volume %	max.	0,50		0,50	0,50		0,50		0,50		
	mass %	max.	0,10		0,10	0,10	0,15	0,15		0,15		
Vanadium	mg/kg	max.	150		350	200	500	300	600		600	
Aluminium plus silicon			80		80	80		80		80		
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								