

	<b>ULSD Technical Specification Sheet</b>	<b>Author:</b>	R. Knox
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Property	Unit	Limits		Test Method
		Minimum	Maximum	
Fatty Acid Methyl Ester (FAME)Content	%(V/V)		7	EN14078
Water Content	mg/kg		200	EN ISO 12937
Sulfur Content	mg/kg		10	EN ISO 20846
Density at 15°C	Kg/m <sup>3</sup>	820,0	845,0	EN ISO 3675
Cetane Number		51		EN ISO 5165
Cetane Index		46		EN ISO 4264
Polycyclic aromatic hydrocarbons	%(m/m)		8	EN 12916
Manganese Content			2	Pr EN 16576
Flash point	°C	>55.0	-	EN ISO 2719
Carbon Residue	%(m/m)	-	0.30	EN ISO 10370
Ash Content	%(m/m)	-	0.010	EN ISO 6245
Total Contamination	mg/kg	-	24	EN 12662
Copper strip Corrosion (3h at 50°C)	Rating	Class 1		EN ISO 2160
Oxidation Stability	H	20	-	EN 15751
Lubricity, corrected wear scar diameter (wsd 1.4) at 60°C	µm	-	460	EN ISO 12156-1
Viscosity at 40°C	mm <sup>2</sup> /s	2.000	4.500	EN ISO 3104
<b>Distillation</b>				
% (V/V) recovered at 250°C	%(V/V)		<65	EN ISO 3405
% (V/V) recovered at 350°C	%(V/V)	85		
95% (V/V) recovered at	°C		360	

#### Climate Dependent Requirements and related Test Methods

Property	Unit	Limits		Test Method
		Grade C*	Grade E **	
CFPP	°C	-5	-15	EN 116
FBT	N/A	N/A	2.52	IP387
Saturated Monoglycerides (SMG)	mg/Kg	90	40	As per calculation on national annex EN14214 reported in mg/Kg

\*Argent will supply Grade C from 16<sup>th</sup> March to the 31<sup>st</sup> October inclusive.

\*\*Argent will supply Grade E from 1<sup>st</sup> of November to the 15<sup>th</sup> March inclusive.

Comments: -

- The above table is taken from BS EN 590.

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	<b>Raymond Knox</b>