

# FUEL OILS

## SPECIFICATION DATA SHEET

### U.L.S. Petrol

Ultra Low Sulphur Petrol (ULSP) is suitable for use in all petrol (spark ignition) engine vehicles where the vehicle manufacturer recommends the use of an unleaded petrol with a Research Octane Number of 95 (RON 95).

Unleaded Petrol is not suitable for use in all vehicles and in cases of doubt the vehicle manufacturers should always be consulted prior to use.

Ultra Low Sulphur Petrol exceeds the latest requirements of the relevant British and European Standard specifications BS EN 228 and contains a detergent additive to help keep carburetors, fuel injectors and inlet valves clean, maintaining drivability and performance.

	<b>MINIMUM</b>	<b>MAXIMUM</b>	<b>TYPICAL</b>
Appearance	Clear & Bright		Clear & Bright
Water and Suspended Matter	None Visible		None Visible
Density @ 15 ° C, kg/m	720	775	724
Copper Corrosion, 3 hours @ 50°C	-	1	1
Sulphur content, mg/kg	-	50.0	50.0
Existent Gum (solvent washed) mg/100ml	-	5	1
Oxidation stability, minutes	360	-	>360
Lead Content, g/l	-	0.005	<0.001
Benzene Content % volume	-	1.0	0.6
Research Octane Number (RON)	95.0	-	95.30
Motor Octane Number	85	-	85.20
<b>Distillation Characteristics</b>			
	<b>MINIMUM</b>	<b>MAXIMUM</b>	<b>TYPICAL</b>
% Volume Evaporated @ 70°C	20	48	32
% Volume Evaporated @ 100°C	46	71	56
% Volume Evaporated @ 180°C	75		91
Final Boiling Point °C	-	210	185
Residue % Volume	-	2	1
<b>Vapour Pressure, kPa</b>			
Ethanol (%V/V)		5.0	
Summer	45	70	
Winter	70	100	73