

Product:
Sulphur Free Diesel

Applicable standards:
BS EN 590: 2022

Use:
In diesel engine vehicles designed to run on automotive diesel fuel.

Sales specification	Units	Minimum	Maximum
Cetane number	-	51.0	-
Cetane index	-	46.0	-
Density at 15°C	kg/m ³	820.0	845.0
Winter only (1 November – 15 March)	kg/m ³	815.0	
Polycyclic aromatic hydrocarbons (note 1)	% (m/m)	-	8
Sulphur content	mg/kg	-	10.0
Flash point (PMCC)	°C	55	-
Carbon residue (on 10% distillation residue)	% (m/m)	-	0.30
Ash content	% (m/m)	-	0.01
Water content	mg/kg	-	200
Total contamination	mg/kg	-	24
Copper corrosion (3h at 50°C)	rating	-	Class 1
Fatty acid methyl ester content	% (v/v)		7.0
Oxidation stability	g/m ³		25
rancimat if FAME > 2%	hrs	20	-
Lubricity, corrected wear scar diameter at 60°C	Micron	-	460
Viscosity at 40°C	mm ² /s	2.0	4.50
Strong acid	mgKOH/g	-	nil
Cloud point			
Summer (16 March – 31 October)	°C	-	3
Winter (1 November – 15 March)	°C	-	-5
Distillation characteristics			
Recovered at 250°C	% (v/v)	-	<65
Recovered at 350°C	% (v/v)	85	-
95% point	°C	-	360
Cold filter plugging point			
Summer (16 March – 31 October)	°C	-	-5
Winter (1 November – 15 March)	°C	-	-15

Additional Information

1. Visual appearance should be clear and bright and free from undissolved water.
 2. Polycyclic aromatic hydrocarbons are defined as the total aromatic hydrocarbon content less the mono-aromatic hydrocarbon content.
 3. Fatty Acid Methyl Ester (FAME) meeting EN14214: 2012.
 4. The Summer and Winter dates specified above apply to diesel being delivered from our import depots.
 5. Performance additives (detergent, anti-foam etc.) added as necessary at depots.
 6. Health, Safety and Environmental information is given on Material Safety Data Sheet.
- All Mini-TANKERS fuels are designed for optimum operating and emissions performance.