



0121 328 1100

**SAVAGE**

# TECHNICAL DATA SHEET

## PRODUCT DESCRIPTION

The FuelBox is a superior quality Gas Oil, enhanced with a unique, specially formulated additive system Gas Oil 10 Plus to accomplish outstanding performance over conventional Red Diesel/Gas Oil.

Conveniently pre-packed in a 20 Litre UN approved bag in box system.

## APPLICATION

### Suitable for all OFF ROAD Diesel engines:

- Plant/Machinery Equipment
- Agricultural machinery including modern machines calibrated to EN590
- Diesel engines fitted with DPF, EGR and SCR systems
- Power generators
- Marine Diesel boat engines
- Oil fired heating systems (requiring 35 sec burning oil)

## BENEFITS

- Improved Cetane rating
- Reduces deposit and varnish build-up
- Improves combustion efficiency
- Improved fuel consumption
- Reduced visible emissions (smoke)
- Protects against premature wear in fuel pumps and injectors
- Enhances the performance of older engines.
- Contains demulsifiers to combat water build-up
- Prevents emulsions forming and filter blockages
- Improved storage stability
- Reduces microbiological growth, preventing sludge build-up

Parameter (BS-Methods)	Units	BS or HM Revenue & Customs Limit		Gas Oil (10ppm) Typical	FUELBOX Gas Oil 10 Plus Typical
		Min	Max		
<b>Cetane Number</b>		45.0	-	50	53
<b>Density @15°C</b>	kg/m <sup>3</sup>	820	-	837	837
<b>Sulphur Content</b> At point of manufacture At final point of distribution	mg/kg mg/kg	-	10 20	9 -	9 -
<b>Flash Point</b>	°C	56	-	64	64
<b>Carbon Residue</b> (on 10% distillation residue)	% (m/m)	-	0.3	0.1	0.1
<b>Ash Content</b>	% (m/m)	-	0.01	0.00	0.0
<b>Water Content</b>	mg/kg	-	200	67	36
<b>Particulate Content</b>	mg/kg	-	24	5	5
<b>Copper Strip Corrosion</b>	rating	Class 1		Class 1	Class 1
<b>Oxidation Stability</b>	g/m <sup>3</sup>	-	25	2	2
<b>Lubricity</b> , corrected wear scar diameter (wsd 1.4 @ 60°C)	µm	-	460	285	230
<b>Viscosity @40°C</b>	mm <sup>2</sup>	2.0	5.0	2.4	2.4
<b>Strong Acid Number</b>	mg KOH/g	-	0	0	0
<b>FAME Content</b>	%	-	7.0	0.0	0
<b>Oxidation stability</b> 0.0 - 7.0% FAME 2.0 - 7.0% FAME	g/m <sup>3</sup> h	g/m <sup>3</sup> h	25 -	2 n/a	2 n/a
<b>CFPP</b> Summer Winter	°C °C	- -	-4 -12	-7 (S) -14 (W)	-15 -19
<b>Distillation</b> % (v/v) recovered @ 250°C % (v/v) recovered @ 350°C	% v/v % v/v	- 85	65 -	40 98	40 98

The typical test data represented is intended as a guide and should not be considered as a specification or guarantee. The content of this Data Sheet is given in good faith but without warranty.