

DERV (WHITE DIESEL)



PRODUCT DESCRIPTION

White Diesel FuelBox is a superior quality DERV (ULSD) enhanced with a unique, specially formulated additive system, 10 Plus®, to accomplish outstanding performance over conventional diesel fuel. Conveniently pre-packed in a 20 litre UN approved bag in box system.

APPLICATION

Suitable for all diesel engines:

- Road vehicles
- 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)

SPECIFICATION

BS EN 590:2013 | Meets D4176

10 PLUS® ADDITIVE BENEFITS

- Improves cetane rating
- Prevents injector deposits and keeps them clean
- Improves combustion efficiency
- Improves fuel consumption
- Reduces 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
- Improves storage stability
- Reduces microbiological growth, preventing sludge build-up
- Disperses soft sticky particulate from FAME and prevents fuel filter blocking

Parameter (BS methods)	Units	BS or HM Revenue and Customs limit		(Diesel) Typical	FuelBox DERV with 10 Plus® Typical
		Min	Max		
Cetane number		45.0	-	53	55
Density @15°C	kg/m ³	820	-	837	837
Sulphur content					
At point of manufacture	mg/kg	-	10	9	9
At final point of distribution	mg/kg	-	20	-	-
Flash point	°C	56	-	64	64
Carbon residue (on 10% distillation residue)	% (m/m)	-	0.3	0.1	0.1
Ash content	% (m/m)	-	0.01	0.00	0.0
Water content	mg/kg	-	200	67	45
Particulate content	mg/kg	-	24	10	10
Copper strip corrosion	rating	Class 1		Class 1	Class 1
Oxidation stability	g/m ³	-	25	2	2
Lubricity, corrected wear scar diameter (wsd 1.4 @ 60°C)	µm	-	460	285	230
Viscosity @40°C	mm ²	2.0	5.0	2.4	2.4
Strong Acid Number	mg KOH/g	-	0	0	0
FAME Content	%	-	7.0	5.0	5.0
Oxidation stability					
0.0 - 7.0% FAME	g/m ³	-	25	2	2
2.0 - 7.0% FAME	h	20	-	NA	NA
CFPP					
Summer	°C	-	-4	-7 (S)	-9
Winter	°C	-	-12	-14 (W)	-19
Distillation					
% (v/v) recovered @ 250°C	% v/v	-	65	40	40
% (v/v) recovered @ 350°C	% v/v	85	-	98	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.



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