



HVO FUEL

Global warming is a worldwide emergency, and it is undoubtedly driving everyone crazy with concern these days. However, we as a company have taken it as a responsibility to consider playing a part in reducing the impacts of global warming and try our best to control it. Just switch to HVO and make a huge difference and play a positive role in maintaining the negative climate change.

We deliver HVO all across the UK, with a standard delivery time of as low as 24 to 48 hours only. If you want to give it a try, you can get your hands on our trial packages as well.

Be the Change with HVO

It is time to be the change and bring it along with us by making small yet sustainable changes in our daily life. And with HVO, we all can do so. It is an efficient step that can be taken for decarbonization. It also removes cost barriers for businesses. Thus, make the right choice with us and switch to a better and advanced fuel today.

123 Oil is not only focusing on providing your premium quality HVO fuel; we are thinking above and beyond the normalities of fuels. You can boost your company's reputation by switching to HVO, which helps you attract new and better opportunities. As you are thinking about your environment, your brand image boosts largely and you will be doing something extraordinary for your surroundings too. You will also see a great change in your CSR annual report.

Tried, tested and true to nature

Crown HVO outperforms fossil diesels in several key areas which are outlined in the table below.

IHO Technical Specifications

Parameter	Units	Test Method	Specification	Typical Value
Appearance	-	ASTM D4176-2	Clear and bright	Clear and bright
Density at 15°C	kg/m ³	EN ISO 12185	0.770 - 0.790	0.780
Viscosity at 40°C	mm ² /s	EN ISO 3104	2.0 - 4.0	2.8
Sulphur Content	mg/kg	EN ISO 20884	5 maximum	<5
Flash point	°C	EN ISO 2719	61 minimum	>70
Cloud point - Summer - Winter	°C	EN 23015	-15 maximum -34 maximum	< -15 < -34
CFPP - Summer - Winter	°C	EN116	-15 maximum -34 maximum	< -15 < -34
Water Content	mg/kg	EN ISO 12937	200 maximum	40
Ash Content	% m/m	EN ISO 6245	0.001 maximum	<0.001
Initial Boiling Point	°C	EN ISO 3405	180 minimum	>180
Recovered at 250°C	% v/v	EN ISO 3405	<65	<20
Recovered at 350°C	% v/v	EN ISO 3405	85 minimum	>98
95% recovered at	°C	EN ISO 3405	360 maximum	>95
Cetane Number	-	EN 15195	70 minimum	80
Cetane Index	-	EN ISO 4264	70 minimum	80
CFPP	°C	EN 116	-15 to -34	
Carbon Residue (on 10% distillation residue)	% m/m	EN ISO 10370	0.1 maximum	<0.01
Oxidation Stability	g/m ³	EN ISO 12205	25 maximum	<5
Copper Strip Corrosion 3hr/50°C	-	EN ISO 2160	1 maximum	1a
Net Heat of Combustion	MJ/kg	ASTM D4809	42 minimum	44
Particulate Matter	mg/kg	EN 12662	10 maximum	<1
Lubricity/HFRR	µm	EN ISO 12156-1	400 maximum	350
Renewable Diesel	% v/v	-	100	100
Fatty Acid Methyl Ester	% v/v	-	0	0
Total Aromatics	% m/m	EN 12916	1 maximum	<1
Polycyclic Aromatics (PAH)	% v/v	SS 155116	0.02 maximum	<0.02