Introducing our HVO Biofuel
THE GREENER ALTERNATIVE
Standard.

GO GREEN WITH OUR NEW SUSTAINABLE ALTERNATIVE TO DIESEL.

HVO biofuel is a premium-quality fuel made entirely from 100% renewable, sustainable raw materials, making it a clean-burning, environmentally friendly diesel alternative, with the added benefit of a much longer shelf life.

As a renewable biofuel, HVO is a drop-in alternative to regular diesel so there is no need to change or update existing infrastructure – the only thing you need to do is place your order!

If you're looking for a bulk supplier of this cleaner and innovative fuel that reduces greenhouse emissions by as much as 90%, get in touch with our friendly team today!

BENEFITS OF STANDARD'S HVO BIOFUEL

THE BENEFITS OF HVO INCLUDE:

Environmentally Friendly And Sustainable: made from sustainable and renewable raw materials, HVO reduces greenhouse emissions by as much as 90%.

Seasonal Performance: has excellent cold weather performance.

Alternative Solution: compatible with diesel engines.

Suitable For Machinery: HVO is perfectly suited to work in a wide range of different sectors, including road vehicles, construction equipment, generators, and industrial power systems.

Long Shelf Life: has a much longer shelf life than regular diesel.

Safe And Reliable: improved safety, stability and storage compared to regular diesel, therefore reducing the need for regular testing.

Fast Delivery: available for delivery to any site across the UK within 48 hours.

A 100% DROP-IN REPLACEMENT FOR DIESEL AND GAS OIL.

IT IS NOT CONVENTIONAL BIO DIESEL

- Standard HVO is a premium high quality drop in fuel made from renewable, sustainable raw materials
- Certified by the ISCC to reduce carbon emissions by 90%, compared to fossil diesel.
- Reduces Particulates by 85% and NOx by 30%.
- Extended 10-year storage lifespan
- Cold filter plugging point of-34 degrees.
- Gives near identical energy output in both variable and fixed speed engines.
- Meets EN15940/ASTMD975 specifications
- Cleaner air with year-round performance

STANDARD HVO MEETS FUEL STANDARDS

- European standard — EN15940
- US standard — ASTM D-975
- Japanese standard — JIS K-2204

This means it is approved for use in the vast majority of diesel engines

HOW DOES STANDARD HVO COMPARE?

APPENDIX: SPECIFICATION OF STANDARD HVO (WITH COMPARISONS TO DIESEL AND OTHER PARAFFINIC FUELS)

Specification & Properties of Diesel & alternatives			Paraffinic fuels standard		Standard HVO specification		Diesel standards					
	Units	Test method	EN 15940:2016		EN 15940:2016		EMS 90:2013		ASTM D975:158		JLS NO.2	
			min	max	min	max	min	max	min	max	min	max
Cetane number		EN 15195	70.0		70.0		51.0		40.0		45.0	
Density at 15°c	kg/m³	EN 12185	765.0	800.0	765.0	800.0	820.0	845.0		845.0		
Sulphur content	mg/kg	EN 20846		5.0		5.0		10.0		10.0		10.0
Flash point	°C	EN 2719	>55		>55		>55		>52		50	
Carbon residue (on 10% distillation residue)	% (m/m)	EN 10370		0.3		0.3		0.3		0.4		
Ash content	% (m/m)	EN 6245		0.01		0.01		0.01		0.01		
Water content	mg/kg	EN 12937		200.0		200.0		200.0		200.0		
Total contaminaion	mg/kg	EN 12662		24.0		24.0		24.0				
Copper strip corrosion (3h at 50°c)		EN 2160		Class 1		Class 1		Class 1		Class 3		
Oxidation stability	g/m³	EN 12205		25.0		25.0		25.0				
Lubricity, corrected wear scar diameter at 60°c	um	EN 12156-1		460.0		460.0		460.0		520.0		
Viscosity at 40°c	mm ²/s	EN 3104	2.00	2.00	2.00	2.00	2.00	4.50	1.90	4.10	2.50	
Distillation at 95% (v/v)	°C			360		360		360				
Initial boiling point	°C				180			360				
Distillation % at 250°c	% (v/v)	EN 3405		65		65		65				
Distillation % at 350°c	% (v/v)						85					
Distillation 95% recovered at	°C			360		320		360				
Cloud point (Summer / Winter and CFPP	°C	EN 23015/EN 116			-15 / -32 CFPP reported		Down to -34					
Apperance		Visual			Clear & Bright							
Total aromatics	% (m/m)	EN 12916		1.1		1.1				35.0		
Conductivity	pS/m	EN 6297			100							
Acidity (TAN)	mg/KOH/g	ASTM D3242				0.01						
Sediment, particulate matter	g/kg	EN 12662		10		1						
Net heat of combustion	MJ/kg	ASTM D4809	44		44		42.72					
GHG CO^2 e values	g CO_2e/MJ			88.04		8.75		88.04				
	g CO_2e/kg			3.7544		0.3256		3.7544				
	g CO_2e/t			3.1562		0.2540		3.1562				

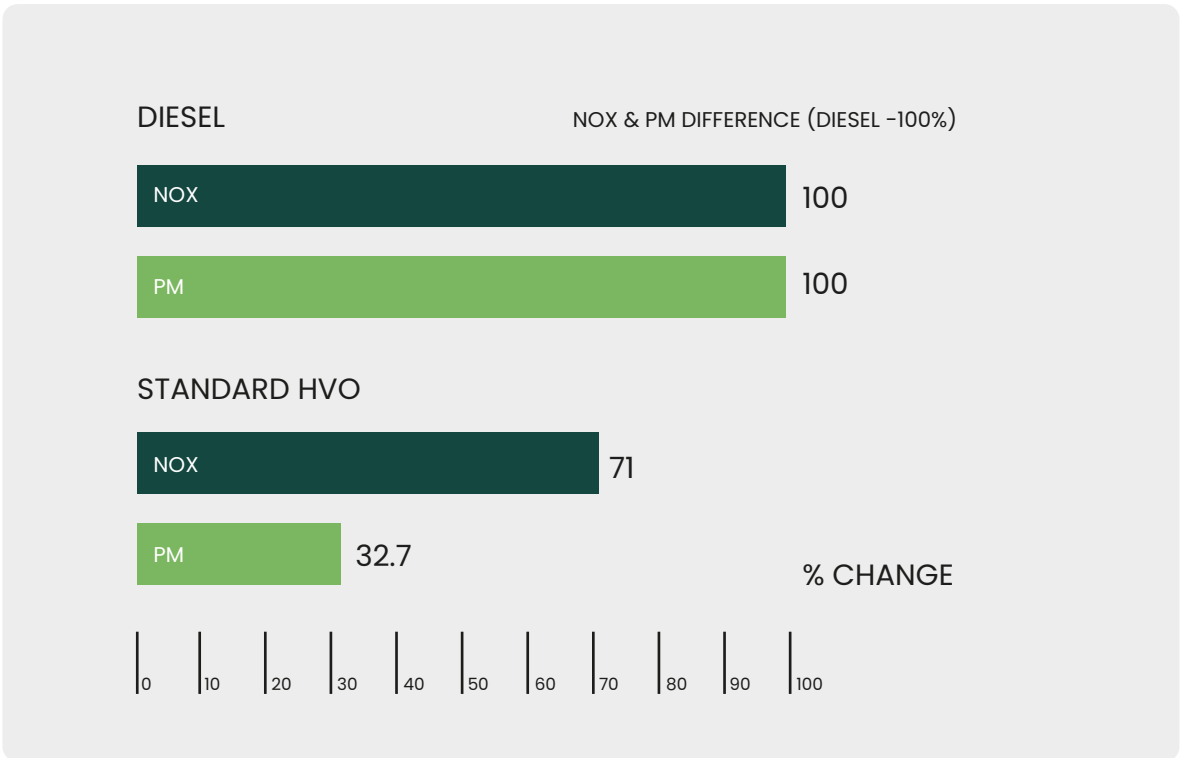
RUNNING ON STANDARD HVO SUSTAINABLE FUEL.

VALUE PROPOSITION.

- Proven track record low risk transition to alternative vehicle technology
- Positive immediate CSR impact
- Local air quality improvement
- Fix pricing structures to allow you to manage cost

HVO CAN SIGNIFICANTLY IMPROVE LOCAL AIR QUALITY.

HOW DO WE COMPARE?



DATA IS TAKEN FROM A MILLBROOK INDEPENDENT TEST TRIAL.

Standard.

Clear the air with Standard Fuel Oil's new HVO biofuel – our cleaner, greener alternative to diesel.

Contact our friendly team today!

info@standardfueloils.co.uk

+44 151 548 3038

Standard.

LIVERPOOL
Gores Road
Knowsley Industrial Park
Liverpool, L33 7XS
+44 151 548 3038
info@standardfueloils.co.uk

MANCHESTER
Churchill Way
Trafford Park
Manchester M17 1BS
+44 161 694 0035
info@standardfueloils.co.uk