

## HVO Technical data sheet

Hydrotreated Vegetable Oil is a bio-based paraffinic diesel fuel defined in the EN 15940 specification

Properties	Unit	Specification		EN 15940 limits		Test Method
		min	max	min	max	
Cetane number	-	70	-	70	-	EN15195
Density at 16°C	kg/m <sup>3</sup>	770	790	765	800	EN ISO 12185
Sulfur content	mg/kg	-	5	-	5	ENISO20846
Flash point	°C	61	-	55	-	EN ISO 2719
Carbon residue (on 10% distillation residue)	%(m/m)	-	0.1	-	0.3	EN ISO 10370
Ash content	%(m/m)	-	0.001	-	0.01	EN ISO 6245
Water content	mg/kg	-	100	-	200	EN ISO 12937
Total contamination	mg/kg	-	10	-	24	EN ISO 12662
Copper strip corrosion (3h at 50°C)	rating	Class 1		Class 1		EN ISO 2160
Oxidation stability	g/m <sup>3</sup>	-	25	-	25	EN ISO 12205
Lubricity, corrected wear scar diameter (wsd 1.4) at 60°C	µm	-	400	-	460	EN ISO 121561
Viscosity at 40°C	mm <sup>2</sup> /s	2	4	2	4.5	EN ISO 3104
Distillation						EN ISO 3405
IBP	°C	180	-	-	-	
% (V/V) recovered at 250°C	%(V/V)	-	< 65	-	< 65	
% (V/V) recovered at 350°C	%(V/V)	85	-	85	-	
95% (V/V) recovered at	°C	-	320	-	360	
Cloud point and CFPP	°C	CP: Summer -15°C / Winter -32°C, CFPP reported		-	-	EN 23015 and EN 116
Appearance	-	Clear and bright		-	-	Visual
Total aromatics content	%(m/m)	-	1.1	-	1.1	EN 12916
Electrical Conductivity	pS/m	100	-	-	-	ISO 6297
Acidity total (TAN)	mgKOH/g	-	0.01	-	-	ASTM D3242

The supplier guarantees no FAME is added in the product.

The supplier guarantees that the product does not contain manganese.



To find out how WP Group can help fuel change within your business contact our experts today.

0800 980 6172  
www.thewp-group.co.uk