

Technical datasheet HVO100 (Class A)

HVO100 Class A is a high paraffine synthetic diesel that is completely fossil free and complies with the prescribed EN 15940 standard.

Eigenschappen	Eenheid	Specificaties	Testmethoden
Density @15°C	kg/m ³	Min.765.0 – Max. 800.0	EN ISO 3675 / 12185
Appearance @ 20°C		Bright & Clear	Visual inspection
Sulphur content	mg/kg	Max. 5.0	EN ISO 20884 / 20846 / 13032
Cetane number	-	Min. 70.0	EN ISO 5165/ EN 15195
Manganese content	mg/l	Max. 2.0	EN 16576
Flashpoint	°C	Min. 56.0	EN ISO 2719
Micron carbon residue (op 10% distillation residue)	% (m/m)	Max. 0.30	EN ISO 10370
Ash content	% (m/m)	Max. 0.01	EN ISO 6245
Viscosity @40°C	mm ² /s	Min.2.000 – Max. 4.500	EN ISO 3104
Lubricity	µm	Max. 400	EN ISO 12156-1
Copper strip corrosion (3 hr @50°C)	rating	Klasse 1	EN ISO 2160
Total contamination	mg/kg	Max. 24	EN 12662
Oxidation stability	g/m ³	Max. 25	EN ISO 12205
Water content	% (m/m)	Max. 0.020	EN ISO 12937
Content of Fatty Acid Methyl Esters (FAME)	% v/v	Max. 0.5	EN 14078
Total aromatic hydrocarbons	% m/m	Max. 1.1	EN 12916
Distillation			
IBP	°C	Tbr	
Recovered @250°C	% v/v	<65.0	EN ISO 3405/ 3924
Recovered @350°C	% v/v	Min. 85.0	
95% recovered @	°C	Max. 360.0	
Cold Filter Plugging Point	°C		EN 116/ 16329
May/June/July/August/September		Max. 0	
April – October		Max. -5	
March - November		Max -10	
December/January/February		Max. -20	
Cloud Point	°C		EN 23015
May / June / July/ August / September		Min. 5	
March/April /October/ November		Min. 0	
December/January/February		Min. -5	