

PRODUCT SPECIFICATION

HVO100 – RENEWABLE MARINE DIESEL



ScanOcean

AREA OF USE:

HVO100 is a 100% renewable and fossil-free diesel fuel intended for use in diesel engines on commercial ships. The fuel is a chemical copy of hydrocarbon-based diesel fuel and is included in the European fuel standard for paraffin fuels (EN15940).

STORAGE:

The product is suitable to storage temperatures above 0°C. Regular checks for water and drainage of condensate water is recommended if the product is stored at longer intervals onboard.

PROPERTIES	UNIT	PRODUCT SPECIFICATION	TYPICAL ANALYSIS DATA
Density at 15 °C	kg/m ³	765-800	780
Viscosity at 40 °C	mm ² /s (cSt)	2,0-4,5	3,0
Flash point	°C	Min 60,0	61
Filterability cold conditions (CFPP)	°C	Summer: -15 Winter: -30	Summer: -15 Winter: -30
Cetane index		Min 70	70
Sulphur content	Mass -%	Max 0.0005%	Max 0.0005%
Water content	Mg/kg	Max 200	100
Net heat of combustion	MJ/kg	-	44
Ash content	Mass -%	Max 0,01	0,001
Carbon residue on 10% distillation residue	% (m/m)	Max 0,3	Max 0,1
Copper strip corrosion 3h/50°C		1	1
Oxidation stability	g/m ³	Max 25	25
Lubricity / HFRR	□m	Max 460	Max 400
Distillation, initial boiling point	°C	Min 180	Min 180
Distillation			
Recovered at 250 °C	Vol. %	Max 65	Max 65
Recovered at 350 °C	Vol. %	Min 85	Min 85
95% at	°C	Max 360	Max 320
Appearance			Clear and bright
Total aromatics	% (m/m)	Max 1,1	Max 1,1

This product does not contain FAME, Manganese or Palmoil.