



HVO Diesel 100

Product description

HVO Diesel 100 is a bio-based fuel produced by hydration of renewable raw materials and is often designated as HVO (hydrotreated vegetable oil). HVO Diesel 100 is produced exclusively from renewable raw materials such as vegetable oil and animal fat.

Benefits

HVO Diesel 100 reduces the emission of fossil greenhouse gases by about 74% compared with fossil diesel.

HVO Diesel 100 contains a lubricating additive that minimises wear on the fuel system.

HVO Diesel 100 is completely miscible with fossil diesel.

Applications

HVO Diesel 100 can be used in conventional diesel engines that have been approved for HVO. Its chemical composition is basically identical with fossil diesel, but because the current diesel standard is not fully satisfied, approval is required from the engine manufacturer.

HVO Diesel 100 meets the standard for synthesised or hydrotreated Paraffin Diesel (XLT/HVO), NS-EN 15940.

Storage

All fuels must only be stored in containers approved for storage. To ensure that the product quality is not degraded, containers permeable to light must not be used. When fuel is stored, it is important to check the water in the containers regularly to reduce the risk of microorganism growth.

Health, Safety and the Environment

See the Safety Data Sheet

Specifications

- NS-EN 15940 Class A

Article code

- 09600 (summer)
- 09615 (winter)
- 17500



HVO Diesel 100

Properties	Units	Requirements in accordance with NS-EN 15940:2016 Class A
Cetane number	-	min 70.0
Density at 15°C	kg/m ³	765.0 – 800.0
Aromatics (mass content)	%	max 1.1
Sulphur content (mass content)	mg/kg	max 5.0
Flash point	°C	>55.0
Viscosity at 40°C	mm ² /s (cSt)	2.00 - 4.50
Distillation:		
Temp for 95% distillate	°C	max 360
Cold Filter Plugging Point (CFPP) summer winter	°C	-11* -33*
Cloud Point summer winter	°C	-11* -32*

*Typical value

Climate performance

Properties	Units	Value
WTW, CO ₂ equivalent	kg/litre	0.74
Greenhouse gas saving	%	74
Renewable percentage	%	100