

# HVO100



## Product description

HVO100 is a renewable diesel fuel that greatly reduces fossil carbon dioxide emissions. The product is produced through the hydrogenation of renewable raw materials and is often referred to as HVO (hydrogenated vegetable oil).

## Benefits

HVO100 provides a significant reduction in the fossil carbon dioxide emissions compared to fossil diesel. HVO100 is completely free from palm oil and PFAD (Palm Fatty Acid Distillate), a by-product of palm oil production, and contains no FAME.

## Applications

HVO100 is chemically identical to fossil diesel. The similarity to ordinary diesel means that HVO100 can be used in conventional diesel engines. However, since HVO100 does not fully meet the current diesel standard, approval from the vehicle supplier is required before use.

## Storage

The product is contained in cisterns approved for storage. Light-transmitting cisterns should not be used for storage to ensure that the product quality is maintained and does not deteriorate. When stored, it is important to perform regular water checks in the tank to reduce the risk of microorganism growth. The storage time should not exceed 2 years.

## Health, environment and safety

See the safety sheet.

## Specifications

- SS-EN 15940

## Article code

- 252

## Information

For more information about the product, see the [product site](#). There you will find **FAQ**, as well as information about where to turn if you have further questions.



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| Quality                                | Unit                     | Requirement acc<br>SS-EN 15940 | Typical analysis<br>data |
|----------------------------------------|--------------------------|--------------------------------|--------------------------|
| Cetane number                          | -                        | Min 51,0                       | 77                       |
| Density at 15°C                        | kg/m <sup>3</sup>        | 765,0 - 810,0                  | 780                      |
| Sulfur content (mass<br>fraction)      | mg/kg                    | max 5,0                        | <1.0                     |
| Viscosity at 40°C*                     | mm <sup>2</sup> /s (cSt) | 2,00 - 4,50<br>1,500 - 4,000   | 2.9                      |
| Flash point                            | °C                       | >55,0                          | >61                      |
| Cloud point**                          | °C                       | - / max -16                    | -15 / -30                |
| Cold filter plugging point<br>(CFPP)** | °C                       | Max - 10/ -26                  | -15 / -30                |

The information in typical data does not constitute a specification but is an indication based on current production, which may be affected by permissible production tolerances. The right to make changes is reserved. This replaces all previous editions and the information therein.

\* The lower viscosity range refers to winter quality.

\*\* The higher temperature limits apply during the summer season: April 1 – October 15 (May 1 – September 15 in northern Sweden).