



# Biodiesel 100

## Product description

Biodiesel 100 is a bio-based fuel in accordance with the standard for Biodiesel (FAME). FAME is an umbrella term for Fatty Acid Methyl Esters. Biodiesel 100 consists of 100% rapeseed methyl ester (RME).

## Benefits

Biodiesel 100 has a lower greenhouse gas burden because the net addition of fossil CO<sub>2</sub> is less than that with fossil diesel.

Biodiesel 100 has good lubricating properties that minimise wear in the fuel system.

## Applications

Biodiesel 100 is a fuel that is intended for high speed diesel engines that have been adapted for 100% FAME. To use Biodiesel 100, the engine must be approved for pure FAME. Contact the engine manufacturer for information prior to using Biodiesel 100.

## 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. The storage time for RME should not exceed 6 months.

## Health, Safety and the Environment

See the Safety Data Sheet

## Specifications

- NS-EN 14214

## Article code

- 09617 (summer)
- 09618 (winter)
- 17900



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Properties	Units	Requirements in accordance with NS EN 14214
Cetane number	-	min 51.0
Density at 15°C	kg/m <sup>3</sup>	860.0–900.0
FAME content	% (m/m)	min 96.5
Sulphur content	mg/kg	max 10.0
Flash point	°C	min 101.0
Viscosity at 40°C	mm <sup>2</sup> /s (cSt)	3.50–5.00
Oxidation stability, 110°C	h	min 8.0
Cold Filter Plugging Point (CFPP) summer/winter	°C	max -10/-20
Cloud Point	°C	max -3

## Climate performance

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Properties	Units	Value
WTW, CO <sub>2</sub> equivalent	kg/litre	1.35
Greenhouse gas saving	%	51
Renewable percentage	%	100