



Preem Evolution Diesel

Product description

Preem Evolution Diesel has a substantially higher biocomponent than standard diesel. It has the same performance and same applications as standard diesel.

Renewable component in Preem Evolution Diesel is max 7% RME and one part HVO (hydrotreated vegetable oil) in accordance with NS-EN590. HVO can be produced via a hydration process using various types of raw materials such as vegetable oils and animal fat.

Benefits

Preem Evolution Diesel reduces CO₂ emissions by about 16% compared with a fossil diesel due to the higher proportion of biofuel.

Stricter requirements for vehicle exhaust gases necessitate a well-functioning engine. Preem Evolution Diesel contains ACP, Preem's multifunction additive. This additive contains deposit control compounds that counteract the formation of deposits in the injection system and protects the fuel system against rust. A clean engine gives optimal combustion, which contributes to reducing environmentally harmful emissions. The ACP additive is expected to give lower fuel consumption compared to diesel without ACP, and can contribute to extending engine life.

Applications

Preem Evolution Diesel is suitable not only for light and heavy diesel engines but also for old and new engines. The product satisfies the Norwegian Diesel Standard and complies with NS-EN590.

Storage

All diesel must be stored in containers that are approved for storage. To ensure that the product quality is not degraded, containers permeable to light must not be used. When diesel fuel is stored, it is important to check the water in the containers regularly to reduce the risk of microorganism growth. Storage time for diesel fuels containing RME should not exceed 1 year.

Health, Safety and the Environment

See the Safety Data Sheet

Specifications

- NS-EN 590

Article code

- 09626 (summer)
- 09616 (winter)
- 09627 (spring/autumn)
- 17550

Unless otherwise agreed, the temperature properties when leaving the main terminal will comply with this Table +/- 14 days:

Summer: 1 April to 15 September

Spring/autumn: 1 March to 31 March and 16 September to 31 October

Winter: 1 November to 28 February



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Properties	Units	Requirements in accordance with NS-EN 590
Cetane number	-	min 51.0
Density at 15°C	kg/m ³	820.0 - 845.0 800.0 – 840*
Sulphur content (mass content)	mg/kg	max 10.0
Flash point	°C	>55.0
Viscosity at 40°C	mm ² /s (cSt)	2.00 - 4.50 1.50 - 4.00*
FAME content	% (V/V)	max 7.0
Distillation:		
Temp for 95% distillate	°C	max 360 max 340*
Cold Filter Plugging Point (CFPP) summer spring/autumn winter	°C	max -11 max -24 max -32
Cloud Point summer spring/autumn winter	°C	max 0 max -15 max -22

* Limits for winter quality diesel

Climate performance

Properties	Units	Value
WTW, CO ₂ equivalent	kg/litre	2.55
Greenhouse gas saving	%	16%
Renewable percentage	%	20*

*Of which 13% HVO and 7% RME