



St1 Norge AS

Produktdatablad
Product data sheet
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Blank Diesel

Blank Diesel kan benyttes av alle kjøretøy på offentlig veg med høytytende dieselmotorer. Leveres ferdig fra raffineriet med kuldeegenskaper tilpasset årstiden.

Blank diesel er utviklet for å møte kravene i moderne, høytytende dieselmotorer. Produktet er tilnærmet svovelfri og møter motorfabrikantenes krav til autodiesel, samt den europeiske normen EN 590.

Blank diesel kan inneholde biodiesel (HVO og opptil 7% FAME). Blank diesel inneholder ingen fargestoffer.

Alle biokomponenter er i henhold til EUs bærekraftskriterier.

Produktegenskap	Enhet	Kvalitetskrav min.	Kvalitetskrav max.	Testmetode
Densitet v/15°C Sommer/Intermediate	Kg/m ³	815,0	845,0	EN ISO 3675:1998 EN ISO 12185:1996
Densitet v/15°C Vinter	Kg/m ³	-	860	EN ISO 3675:1998 EN ISO 12185:1996
Apperance	-	Cl&Br og fri for sediment og vann ved 20°C.	-	Visuelt
Vann	mg/kg	-	100	EN ISO 12937
Tåkepunkt (CP) Blokkeringspunkt (CFPP) Sommer	°C	-	0 -11	EN ISO 3015/EN ISO 22995 EN 116/EN16329
Tåkepunkt (CP) Blokkeringspunkt (CFPP) Intermediate	°C	-	-15 -24	EN ISO 3015/EN ISO 22995 EN 116/EN16329

Produktegenskap	Enhet	Kvalitetskrav min.	Kvalitetskrav max.	Testmetode
Tåkepunkt (CP) Blokkeringspunkt (CFPP) Vinter	°C	-	-22 -32	EN ISO 3015/EN ISO 22995 EN 116/EN16329
Viskositet ved 40°C Sommer/Intermediate	mm ²	2,000	4,500	EN ISO 3104/ISO 23581
Viskositet ved 40°C Vinter	mm ²	1,500	4,000	EN ISO 3104/ISO 23581
Flammepunkt PMcc	°C	58,0	-	EN ISO 2719
Cetane index		46,0	-	EN ISO 4264
Cetane nummer	-	51,0	-	EN ISO 5165:202 EN 15195:2014 EN 16715:2015 EN 16906:2017 EN 17155:2018
FAME	% vol	-	7,0	EN 14078
Svovel	mg/kg	-	10,0	EN ISO 20846:2019 EN ISO 20884:2019 EN ISO 13032:2012
Destillasjon (Recovery)	-	-	-	EN ISO 3405:2019 EN ISO 3924:2019 EN ISO 17306:2019
Recovery at 180°C	% vol	-	10,0	-
Recovery at 250°C	% vol	<65	-	-
Recovery at 340°C	% vol	-	95,0	-
Recovery at 350°C	% vol	85	-	-
95% vol recovered at	°C	360,0	Report	-
Smørerevne (WSD 1,4) ved 60°C	µm	-	460	EN ISO 12156-1
Konduktivitet	pS/m	Report ¹⁾	Report ¹⁾	ISO 6297
Kobber korrosjon (3t/50°C)	-	-	1	EN ISO 2160

Produktegenskap	Enhet	Kvalitetskrav min.	Kvalitetskrav max.	Testmetode
Koksrest (ved 10% rester)	% masse	-	0,30	EN ISO 10370
Total forurensing	mg/kg	-	24	EN 12662
Aske	% masse	-	0,010	EN ISO 6245
Oksidasjonsstabilitet	g/m ³	-	25	EN ISO 12205
Polycykliske aromatiske hydrokarboner	% masse	-	8,00	EN 12916:2019
Mangan mengde	mg/l	-	2,0	EN 16576:2014

Tabell 1 Produktdata på Norsk.

- 1) Min 50 pS/m ved lasting av tankbil.

Blank Diesel

Blank Diesel can be used by all vehicles on public roads with high-performance diesel engines. It is delivered ready from the refinery with cold properties adapted to the season.

Blank Diesel is developed to meet the requirements of modern, high-performance diesel engines. The product is nearly sulfur-free and meets the requirements of engine manufacturers for automotive diesel, as well as the European standard EN 590.

Blank Diesel may contain biodiesel (HVO and up to 7% FAME).

All bio-components are in accordance with the EU's sustainability criteria.

Product feature	Unit	Specification min.	Specification max.	Test method
Density v/15°C Summer/Intermediate	Kg/m ³	815,0	845,0	EN ISO 3675:1998 EN ISO 12185:1996
Density v/15°C Winter	Kg/m ³	-	860	EN ISO 3675:1998 EN ISO 12185:1996
Apperance	-	Cl&Br and free of sediments and water at 20°C.	-	Visual
Water	mg/kg	-	100	EN ISO 12937
Cloud Point (CP) Cold Filter Plugging Point (CFPP) Summer	°C	-	0 -11	EN ISO 3015/EN ISO 22995 EN 116/EN16329
Cloud Point (CP) Cold Filter Plugging Point (CFPP) Intermediate	°C	-	-15 -24	EN ISO 3015/EN ISO 22995 EN 116/EN16329
Cloud Point (CP) Cold Filter Plugging Point (CFPP) Vinter	°C	-	-22 -32	EN ISO 3015/EN ISO 22995 EN 116/EN16329
Viscosity at 40°C Summer/Intermediate	mm ²	2,000	4,500	EN ISO 3104/ISO 23581

Product feature	Unit	Specification min.	Specification max.	Test method
Viscosity at 40°C Winter	mm ²	1,500	4,000	EN ISO 3104/ISO 23581
Flash point PMcc	°C	58,0	-	EN ISO 2719
Cetane index		46,0	-	EN ISO 4264
Cetane number	-	51,0	-	EN ISO 5165:202 EN 15195:2014 EN 16715:2015 EN 16906:2017 EN 17155:2018
FAME	% vol		7,0	EN 14078
Sulphur	mg/kg	-	10,0	EN ISO 20846:2019 EN ISO 20884:2019 EN ISO 13032:2012
Distillation (Recovery)	-	-	-	EN ISO 3405:2019 EN ISO 3924:2019 EN ISO 17306:2019
Recovery at 180°C	% vol	-	10,0	-
Recovery at 250°C	% vol	<65	-	-
Recovery at 340°C	% vol	-	95,0	-
Recovery at 350°C	% vol	85	-	-
95% vol recovered at	°C	360,0	Report	-
Lubricity (WSD 1,4) ved 60°C	µm	-	460	-
Conductivity	pS/m	Report ¹⁾	Report ¹⁾	ISO 6297
Copper strip corrosion (3t/50°C)	-	-	1	EN ISO 2160
Carbon Residue (ved 10% dist. Res.)	% mass	-	0,30	EN ISO 10370
Total contamination	mg/kg	-	24	EN 12662
Ash	% mass	-	0,010	EN ISO 6245

Product feature	Unit	Specification min.	Specification max.	Test method
Oxidation Stability	g/m ³	-	25	EN ISO 12205
Polycyclic aromatic hydrocarbon	% mass	-	8,00	EN 12916:2019
Mangan mengde	mg/l	-	2,0	EN 16576:2014

Table 1 Product data in English

- 1) Minimum 50 pS/m during loading truck.