



Eni Diesel + is the new eni premium diesel with 15% of “Green Diesel”, the renewable component produced from HVO (Hydrotreated Vegetable Oil) at Venice biorefinery, using the Ecofining technology patented by Eni.

This Eni premium diesel protects engine efficiency and contributes to decrease carbon dioxide emissions.

Thanks to the presence in its formulation of both renewable component and detergent additives, the use of **Eni Diesel +** determines:

- better engine protection: longer engine service life and maximum power output over time, thanks to the cleaning of injection system;
- vehicle performances: the higher cetane number gives good startability at low temperature and reduces engine noise, lower fuel consumption up to 4% thanks to the combination of the renewable component with its high cetane number and the detergent additives;
- environmental performances: decrease of carbon dioxide emissions by an average of 5%* as a result of a more sustainable production cycle and a decrease of gaseous emissions (hydrocarbons and carbon monoxide) up to 40%*.

Eni Diesel + complies with UNI EN 590 and with Government Regulations and meets custom specifications.

PROPERTIES

Properties	Unit of Measure	Values		Method
		Min	Max	
Appearance	-	Clear & Bright		
Density at 15°C	kg/m ³	820.0	845.0	EN ISO 3675 EN ISO 12185
Cetane number	-	55.0		EN ISO 5165 EN 15195 EN 1614
Cetane index	-	46.0		EN ISO 4264
Distillation	-			EN ISO 3405 EN ISO 3924
Recovered at 150 °C	% (v/v)		2	EN ISO 3405 EN ISO 3924
Recovered at 250°C	% (v/v)		65	EN ISO 3405 EN ISO 3924
Recovered at 350°C	% (v/v)	85		EN ISO 3405 EN ISO 3924
95% (v/v) recovered at	°C		360	EN ISO 3405 EN ISO 3924





Properties	Unit of Measure	Min	Max	Method
Flash point	°C	55.0		EN ISO 2719
Polyaromatics	% (m/m)		8.0	EN 12916
Viscosity at 40°C	mm ² /s	2.000	4.500	EN ISO 3104
Cloud Point, 16/03 - 14/11	°C	Report		EN 23015
Cloud Point, 15/11 - 15/03	°C		0	EN 23015
C.F.P.P., 16/03 - 14/11	°C		-2	EN 116 EN 16329
C.F.P.P., 15/11 - 15/03	°C		-12	EN 116 EN 16329
Sulfur content	mg/kg		10.0	EN ISO 20884 EN ISO 20846 EN
Copper strip corrosion (3h at 50°C)	°C	Class 1		EN ISO 2160
Carbon residue (10% residue)	% (m/m)		0.30	EN ISO 10370
Water content	mg/kg		200	EN ISO 12937
Ash content	% (m/m)		0.010	EN ISO 6245
Lubricity	µm		460	EN ISO 12156
Oxidation stability	g/m ³		25	EN ISO 12205
Total contamination	mg/kg		24	EN 12662
Flow loss (keep clean test)	% flow loss		50	CEC (PF-023) TBA
Power loss (keep clean test)	%		2	CEC F98-08
Power recovery (clean up test)	%	2		CEC F98-08
Green Diesel from HVO content	% (v/v)	15		
FAME content	% (v/v)		0.5	EN 14078

The reported test methods for the same characteristic are to be intended as alternative methods.

* percentages expressed with reference to the standard diesel.

