

Technical Data Sheet

Neste MY Renewable Diesel

18/4/2018

Neste Renewable Diesel is a bio-based paraffinic diesel fuel defined in the EN 15940 specification.

Properties	Unit	Specification		EN 15940 limits		Test Method
		min	max	min	max	
Cetane number	-	70	-	70	-	EN 15195
Density at 15°C	kg/m ³	770	790	765	800	EN ISO 12185
Sulfur content	mg/kg	-	5	-	5	EN ISO 20846
Flash point	°C	61	-	55	-	EN ISO 2719
Carbon residue (on 10% distillation residue)	% (m/m)	-	0.1	-	0.3	EN ISO 10370
Ash content	% (m/m)	-	0.001	-	0.01	EN ISO 6245
Water content	mg/kg	-	100	-	200	EN ISO 12937
Total contamination	mg/kg	-	10	-	24	EN ISO 12662
Copper strip corrosion (3h at 50°C)	rating	Class 1		Class 1		EN ISO 2160
Oxidation stability	g/m ³	-	25	-	25	EN ISO 12205
Lubricity, corrected wear scar diameter (wsd 1.4) at 60°C	µm	-	400	-	460	EN ISO 12156-1
Viscosity at 40°C	mm ² /s	2	4	2	4.5	EN ISO 3104
Distillation						
IBP	°C	180	-	-	-	EN ISO 3405
% (V/V) recovered at 250°C	% (V/V)	-	< 65	-	< 65	
% (V/V) recovered at 350°C	% (V/V)	85	-	85	-	
95% (V/V) recovered at	°C	-	320	-	360	
Cloud Point and CFPP	°C	CP: Summer -15°C / Winter -32°C, CFPP reported		-	-	EN 23015 and EN 116
Appearance	-	Clear and bright		-	-	Visual
Total aromatics content	% (m/m)	-	1.1	-	1.1	EN 12916
Electrical Conductivity	pS/m	100	-	-	-	ISO 6297
Acidity total (TAN)	mgKOH/g	-	0.01	-	-	ASTM D3242

The supplier guarantees no FAME is added in the product.

The supplier guarantees that the product does not contain manganese.