

# Technical Data Sheet

## Neste MY Renewable Diesel

Neste Renewable Diesel is a bio-based paraffinic diesel fuel defined in ASTM D975 and EN 15940 specifications.

Properties	Unit	Neste MY Renewable Diesel		ASTM D975 Diesel limits			EN 15940 Paraffinic Diesel limits		
		min	max	min	max	Test Method	min	max	Test Method
Cetane number	-	70	-	40	-	ASTM D6890	70	-	EN 15195
Sulfur content	mg/kg	-	5	-	15	ASTM D5453	-	5	EN ISO 20846
Flash point	°C	61	-	52	-	ASTM D93	55	-	EN ISO 2719
Carbon residue (on 10% distillation residue)	% (m/m)	-	0.1	-	0.35	ASTM D4530	-	0.3	EN ISO 10370
Ash content	% (m/m)	-	0.001	-	0.01	ASTM D482	-	0.01	EN ISO 6245
Water and sediment	% (m/m)	-	0.02	-	0.05	ASTM D2709	-	0.02	EN ISO 12937
Copper strip corrosion (3h at 50°C)	rating	Class 1		Class 3		ASTM D130	Class 1		EN ISO 2160
Oxidation stability	g/m <sup>3</sup>	-	25	-	25	ASTM D2274	-	25	EN ISO 12205
Lubricity, corrected wear scar diameter (wsd 1.4) at 60°C	µm	-	460	-	520	ASTM D6079	-	460	EN ISO 12156-1
Viscosity at 40°C	mm <sup>2</sup> /s	2	4	1.9	4.1	ASTM D445	2	4.5	EN ISO 3104
Distillation 90% (V/V) recovered at	°C	282	338	282	338	ASTM D86	-	-	-
Distillation 95% (V/V) recovered at	°C	-	360	-	-	-	-	360	EN ISO 3405
Cloud Point	°C	As agreed		-	-	ASTM D7689	-	-	EN 23015 & EN 116
Appearance		Clear and bright		-	-	Visual	-	-	Visual
Total aromatics content	% (m/m)	-	1.1	-	35	ASTM D1319	-	1.1	EN 12916
Conductivity	pS/m	50	-	25	-	ASTM D2624	-	-	-
FAME content	% v/v	-	0	-	5	ASTM D7371	-	7	-