

# Technical Data Sheet

## Neste PORHK2000

Neste Heavy Fuel Oil 2000

01/01/2023

Properties	Unit	Specification		Test Method <sup>1)</sup>
		min	max	
Kinematic viscosity at 50 °C	mm <sup>2</sup> /s	-	2050	ISO 3104
Kinematic viscosity at 80 °C	mm <sup>2</sup> /s	-	248	ISO 3104
Density at 15°C	kg/m <sup>3</sup>	990	1040	EN ISO 12185
Sulfur	wt-%	0.8	2.70	EN ISO 8754
Flash point	°C	75	-	ISO 2719
Carbon residue - Micro method	wt-%	-	23	ISO 10370
Pour point	°C	-	30	ASTMD5950
Water	wt-%	-	0.7	ISO 10336 ASTMD6304-C
Ash	wt-%	-	0.25	ISO 6245
Net heat of combustion	MJ/kg	39.2	-	ASTM D240
Emission factor	tCO <sub>2</sub> /TJ	Reported		NM 491
Carbon	wt-%	Reported		ASTM D5291
Nitrogen	wt-%	Reported		ASTM D5291
Hydrogen	wt-%	9	-	ASTM D 5291
Vanadium	mg/kg	-	200	NM122 ISO10478M-ICP
Sodium	mg/kg	-	50	NM122 ISO10478M-ICP
Nickel	mg/kg	-	60	NM122 ISO10478M-ICP
Asphaltenes	mg/kg	Reported		DIN 51595

### Foot notes

<sup>1)</sup> NM refers to Neste's in-house method

The product will comply with the specification according to the procedures described in ISO 4259.

Concerning safe use of the products, we refer to the Safety Data Sheets and User's Guides published by Neste Oyj.

### INQUIRIES

Neste Oyj

Neste Retail

POB 95

FIN-00095 Neste Oyj, Finland

Telephone +358 20 80100