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## Technical Data Sheet

**Product name :** Shell Diesel B20  
**Material code :** 400010120

Properties	Units	Test Method	Specification
Appearance	-	Visual	Bright & Clear
Colour	-	Visual	Red
Density at 15 °C	g/mL	ASTM D4052	0.81 - 0.87
Calculated Cetane Index	-	ASTM D976	50 min.
Viscosity, Kinematic at 40°C	cSt(mm <sup>2</sup> /s)	ASTM D445	1.8 - 4.1
Pour Point	°C	ASTM D97 or ASTM D5950	10 max.
Sulphur Content	mg/kg	ASTM D2622	10 max.
Corrosion, Copper Strip 3 hr at 50°C	-	ASTM D130	1 max.
Oxidation Stability	g/m <sup>3</sup> hr	ASTM D2274 EN 15751	25 max. 35 min.
Carbon Residue on 10% Distillation Residue, Micro Method	% wt	ASTM D4530	0.30 max.
Water Content	mg/kg	EN ISO 12937	300 max.
Total Contamination	mg/kg	EN 12662	24 max.
Ash	% mass	ASTM D482	0.01 max.
Flash Point, PMcc	°C	ASTM D93	52 min.
Distillation: 90 % Recovered	°C	ASTM D86	357 max.
Polycyclic Aromatic Hydrocarbon	% wt	ASTM IP391 or	8 max.
Methyl Ester of Fatty Acid	% vol	EN 14078	19.0 - 20.0
Lubricity by HFRR	µm	ASTM D6079	460 max.

Effective date : 1<sup>st</sup> Apr 2026

( Sompop Srivannavit )  
Fuel Technical Manager

\* The Company reserved the right to change the information contained herein without notice.