

# PRODUCT SPECIFICATIONS

## LUBRICATING OILS

No.

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Date

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# TEBOIL SUPER HPD SAE 5W-40

Synthetic diesel engine oil

CHARACTERISTICS	MIN.	TYPICAL	MAX.	METHOD
Density @20°C, kg/m <sup>3</sup>		847		ASTM D 4052
Viscosity @100°C, mm <sup>2</sup> /s	12,5	13,5	16,3	ASTM D 445
Viscosity @40°C, mm <sup>2</sup> /s		86		ASTM D 445
Viscosity index		160		ASTM D 2270
CCS @-30°C, mPa.s		4 800	6 600	ASTM D 5293
BPT @60.000 mPa.s, °C		-41	-35	ASTM D 4684
Pour point, °C		-48	-42	ASTM D 97
Evaporation loss, wt%		9,0	13	CEC-L-40-A-93
Flash point (COC), °C		242		ASTM D 92
TBN, mgKOH/g	8,6	9,7		ASTM D 4739
Sulfated ash, wt%		1,47		ASTM D 874
Ca, wt%		0,34		
Zn, wt%		0,13		
P, wt%		0,11		

### Note

These specifications are subject to change without infringement of signed agreements.