

PRODUCT SPECIFICATIONS

LUBRICATING OILS

No.

SP 19 03 2002/RV0312-01

Date

19.03.2002

TEBOIL DIAMOND DIESEL SAE 5W-40

Diesel engine oil

CHARACTERISTICS	MIN.	TYPICAL	MAX.	METHOD
Density @20°C, kg/m ³		844		ASTM D 4052
Viscosity @100°C, mm ² /s	12,5	14,0	16,3	ASTM D 445
Viscosity @40°C, mm ² /s		87		ASTM D 445
Viscosity index		168		ASTM D 2270
CCS @-30°C, mPa.s		5 650	6 600	ASTM D 5293
BPT @60.000 mPa.s, °C		-42	-35	ASTM D 4684
Pour point, °C		-48	-42	ASTM D 97
Evaporation loss, wt%		10	13	CEC-L-40-A-93
Flash point (COC), °C		230		ASTM D 92
TBN, mgKOH/g	7,5	8,4		ASTM D 4739
Sulfated ash, wt%		1,32		ASTM D 874
Ca, wt%		0,31		
Zn, wt%		0,11		
P, wt%		0,10		

Note

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