D133-DE4500 Grasbrook LubProd
Worthdamm 32
Hamburg
20457
Germany

Certificate of Analysis

Material	550013826	Date Manufactured	03 Dec 2024
Material Description	Shell Turbo Oil T 32 1*209L	Date Tested	04 Dec 2024
Batch Number	12413386		

Test Description	Result	Unit	Method
Viscosity Kinematic 40℃	31,82	mm2/s	ISO 3104
Appearance	Clear and Bright	-	VISUAL
Density 15℃ (by Densitymeter)	844,2	kg/m3	ISO 12185
Air Release Value 50℃	2	min	DIN ISO 9120
Demulsibility 54℃	5	min	ISO 6614
Foam Chara.(Seq.I),Tendency	10	ml	ASTM D892
Foam Chara.(Seq.I),Stablity	0	ml	ASTM D892
Neutralisation Value Metrohmtr	0,05	mgKOHg	DIN ISO 6618
Salt Water Corrosion type B	Pass	-	DIN ISO 7120 test
Particle Count 1	19	******	ISO 4406
Particle Count 2	17	******	ISO 4406
Particle Count 3	14	******	ISO 4406
Pour Point	-33,0	CEL	ASTM D5950

Date 05 Dec 2024
Certified by Eric Froboese
Preferred contact + 49(0)40809080504

Grasbrook Lubricants Centre maintains a Quality Control System to ensure product supplied meets required specifications.Certified to DIN EN ISO 9001:2015
This CoA conforms with DIN EN 10204 acc. 3.1

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