

D133-DE4500 Grasbrook LubProd
Worthdamm 32&50
Hamburg
20457
Germany



Certificate of Analysis

Material 550013827
Material Description Shell Turbo Oil T 46 1* 209L
Batch Number 12027182

Date Manufactured 25 Oct 2022
Date Tested 27 Oct 2022

Test Description	Result	Unit	Method
Viscosity Kinematic 40°C	46,13	mm2/s	ISO 3104
Appearance	Clear and Bright	-	VISUAL
Density 15°C (by Densitometer)	855,8	kg/m3	ISO 12185
Air Release Value 50°C	3	min	DIN ISO 9120
Demulsibility 54°C	5	min	ISO 6614
Foam Chara.(Seq.I),Tendency	0	ml	ASTM D892
Foam Chara.(Seq.I),Stability	0	ml	ASTM D892
Neutralisation Value Metrohmtr	0,03	mgKOHg	DIN ISO 6618
Salt Water Corrosion type B	Pass	-	DIN ISO 7120 test

Date 04 Nov 2022
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*

This document has been produced electronically and is valid without signature#