

QUALITY CONTROL LABORATORY

Certificate of analysis

Certificate of Analysisnumber	LS-24-1413	Product Source	COMMA
Sample Recieved Date:	14/10/2024		
Product Name	GEAR OIL SX 75W-90 GL-5	Batch/Serial Number	11.2024.07.18
		Date of Test	18/10/2024
CHARACTERISTICS			
Test	Method	Units	Result
Appearance	Visual	-	Bright & Clear
Color	ASTM D1500	-	L0.5
Kinematic viscosity at 100 °C	ASTM D445	cSt	15.71
Kinematic viscosity at 40 °C	ASTM D445	cSt	101.6
Density at 15 °C	ASTM D4052	g/ml	0.8724
Viscosity index	ASTM D2270	-	165
Flash Point (COC)	ASTM D92	°C	212
Pour Point	ASTM D97	°C	-30
Sulfur	ASTM 5354	% mass	1.187
Nitrogen	ASTM D5762	% mass	0.03
Calcium	ASTM D5185	% mass	0
Phosphorus	ASTM D5185	% mass	0.031
Zinc	ASTM D5185	% mass	0
Boron	ASTM D5185	% mass	0
Scar Dia	ASTM D4172	mm	0.355
Weldload	ASTM D2783	KG	250
Brookfield at -40c	ASTM D2983	mpa.s	154000
Foaming Tendency			
Sequence I Tend/Stab	ASTM D892	ml/ml	0/0
Sequence II Tend/Stab	ASTM D892	ml/ml	0/0
Sequence III Tend/Stab	ASTM D892	ml/ml	0/0

Issued By: Lab Chemist

Date: 18/10/2024