

QUALITY CONTROL LABORATORY

Certificate of analysis

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Certificate of Analysisnumber	LS-24-1425	Product Source	MOBIL
Sample Recieved Date:	14/10/2024		
Product Name	Mobil Super3000 5W-30 ACEA C3 API SN,VW504/507 MB229.31/51/52 MB226.52	Batch/Serial Number	EMB76476A
		Date of Test	18/10/2024
CHARACTERISTICS			
Test	Method	Units	Result
Appearance	Visual	-	Bright & Clear
Color	ASTM D1500	-	L3.0
Kinematic viscosity at 100 °C	ASTM D445	cSt	11.86
Kinematic viscosity at 40 °C	ASTM D445	cSt	69.34
Density at 15 °C	ASTM D4052	g/ml	0.8502
Viscosity index	ASTM D2270	-	168
Low Temperature Cranking	ASTM D5293	mPa.S	6153
Viscosity at -30C			
Noack	ASTM D5800	% mass	8.2
Flash Point (COC)	ASTM D92	°C	256
Pour Point	ASTM D97	°C	-39
Base Number	ASTM D2896	mg KOH/g	9.04
Sulfur	ASTM 5354	% mass	0.17
Nitrogen	ASTM D5762	% mass	0.15
Sulphated Ash	ASTM D874	% mass	0.757
Calcium	ASTM D5185	% mass	0.175
Magnesium	ASTM D5185	% mass	0
Phosphorus	ASTM D5185	% mass	0.077
Zinc	ASTM D5185	% mass	0.108
Boron	ASTM D5185	% mass	0.05
Moly	ASTM D5185	% mass	0
HTHS	ASTM D4683	cP	5.21
SSI 30cycle	ASTM D6278	cSt	11.01
Foaming Tendency			
Sequence I Tend/Stab	ASTM D892	ml/ml	0/0
Sequence II Tend/Stab	ASTM D892	ml/ml	30/0
Sequence III Tend/Stab	ASTM D892	ml/ml	0/0

Issued By: Lab Chemist

Date: 18/10/2024