

## LABORATORY TEST REPORT

PRODUCT NAME :SHIELD MOTOR DYNA SYNTH 5W40 API SN	DATE :04/11/2025
BATCH. NO : SL/25-11/1497	LAB.SR.NO : 950

Sr. No.	Tests	Unit	Method	Minimum	Maximum	Batch Test Result
1.	Appearance	----	Visual	Clear & Bright		Clear & Bright
2.	Crackle Test	----	Visual	Nil		Nil
3.	Density @ 29.5°C	Kg/ml	ASTM D1298	Report		0.8369
4.	Colour	----	ASTM D 1500	----	L4.0 Max.	L1.5
5.	Kinematic Viscosity @ 40°C	cSt	ASTM D 445	Report		91.91
6.	Kinematic Viscosity @ 100°C	cSt	ASTM D 445	13.80	15.50	14.44
7.	Viscosity Index	----	ASTM D 2270	150	----	163
8.	Flash Point (COC)	°C	ASTM D 92	190	----	224
9.	Pour Point	°C	ASTM D 97		-33	-36
10.	TBN, mg KOH/g	mg KOH/gm	ASTM D2896	7.3		8.59

REMARK – SAMPLE PASS

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