

QUALITY CONTROL LABORATORY

Certificate of analysis

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Certificate of Analysisnumber	LS-24-1428	Product Source	CASTROL
Sample Recieved Date:	14/10/2024		
Product Name	Castrol GTX Ultra Clean 10W-40 A/B	Batch/Serial Number	P01ECD3-00
		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	14.48
Kinematic viscosity at 40 °C	ASTM D445	cSt	99.66
Density at 15 °C	ASTM D4052	g/ml	0.8659
Viscosity index	ASTM D2270	-	150
Low Temperature Cranking	ASTM D5293	mPa.S	6580
Viscosity at -25C			
Noack	ASTM D5800	% mass	
Flash Point (COC)	ASTM D92	°C	236
Pour Point	ASTM D97	°C	-39
Base Number	ASTM D2896	mg KOH/g	11.55
Sulfur	ASTM 5354	% mass	0.25
Nitrogen	ASTM D5762	% mass	0.12
Sulphated Ash	ASTM D874	% mass	1.081
Calcium	ASTM D5185	% mass	0.131
Magnesium	ASTM D5185	% mass	0.098
Phosphorus	ASTM D5185	% mass	0.089
Zinc	ASTM D5185	% mass	0.1
Boron	ASTM D5185	% mass	0
Moly	ASTM D5185	% mass	0.004
HTHS	ASTM D4683	cP	5
SSI 30cycle	ASTM D6278	cSt	13.32
Foaming Tendency			
Sequence I Tend/Stab	ASTM D892	ml/ml	0/0
Sequence II Tend/Stab	ASTM D892	ml/ml	50/0
Sequence III Tend/Stab	ASTM D892	ml/ml	10/0

Issued By: Lab Chemist

Date: 18/10/2024