

QUALITY CONTROL LABORATORY

Certificate of analysis

page 1 of 1

Certificate of Analysis number	LS-24-1140	Product Code	AZTEC
Sample Received Date:	8/29/2024		
Product Name	TORETEC 5W-30 504/507	Batch Number	MFG230424
		Date of Test	8/29/2024
CHARACTERISTICS			
Test	Method	Units	Result
Appearance	Visual	-	Bright & Clear
Color	ASTM D1500	-	L-3.0
Kinematic viscosity at 100 °C	ASTM D445	cSt	12.48
Kinematic viscosity at 40 °C	ASTM D445	cSt	74.59
Density at 15 °C	ASTM D4052	g/ml	0.8465
Viscosity index	ASTM D2270	-	167
Low Temperature Cranking	ASTM D5293	mPa.S	4895
Viscosity at -30C			
Noack	ASTM D5800	% mass	7.6
Flash Point (COC)	ASTM D92	°C	238
Pour Point	ASTM D97	°C	-33
Base Number	ASTM D2896	mg KOH/g	8.38
Sulfur	ASTM 5354	% mass	0.28
Nitrogen	ASTM D5762	% mass	0.15
Sulphated Ash	ASTM D874	% mass	0.6631
Calcium	ASTM D5185	% mass	0.154
Magnesium	ASTM D5185	% mass	0
Phosphorus	ASTM D5185	% mass	0.073
Zinc	ASTM D5185	% mass	0.083
Boron	ASTM D5185	% mass	0
Moly	ASTM D5185	% mass	0.01
HTHS	ASTM D4683	cP	4.392
SSI 30cycle	ASTM D6278	cSt	11.03
Foaming Tendency			
Sequence I Tend/Stab	ASTM D892	ml/ml	5/0
Sequence II Tend/Stab	ASTM D892	ml/ml	30/0
Sequence III Tend/Stab	ASTM D892	ml/ml	5/0

Issued By: Lab Chemist

Date: 8/29/2024