

QUALITY CONTROL LABORATORY

Certificate of analysis

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Certificate of Analysisnumber	LS-24-1431		Product Source	REDEX
Sample Recieved Date:	14/10/2024			
Product Name	REDEX 5W-30 ACEA C3 ,VW504,507 MB229.51 BMW LL-04, PORSCHE C30		Batch/Serial Number	112023629
			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	11.58	
Kinematic viscosity at 40 °C	ASTM D445	cSt	66.64	
Density at 15 °C	ASTM D4052	g/ml	0.8499	
Viscosity index	ASTM D2270	-	170	
Low Temperature Cranking	ASTM D5293	mPa.S	5616	
Viscosity at -30C				
Noack	ASTM D5800	% mass	5.4	
Flash Point (COC)	ASTM D92	°C	246	
Pour Point	ASTM D97	°C	-39	
Base Number	ASTM D2896	mg KOH/g	8.75	
Sulfur	ASTM 5354	% mass	0.175	
Nitrogen	ASTM D5762	% mass	0.15	
Sulphated Ash	ASTM D874	% mass	0.704	
Calcium	ASTM D5185	% mass	0.17	
Magnesium	ASTM D5185	% mass	0	
Phosphorus	ASTM D5185	% mass	0.075	
Zinc	ASTM D5185	% mass	0.084	
Boron	ASTM D5185	% mass	0.042	
Moly	ASTM D5185	% mass	0	
HTHS	ASTM D4683	cP	5.6	
SSI 30cycle	ASTM D6278	cSt	9.586	
Foaming Tendency				
Sequence I Tend/Stab	ASTM D892	ml/ml	0/0	
Sequence II Tend/Stab	ASTM D892	ml/ml	40/0	
Sequence III Tend/Stab	ASTM D892	ml/ml	0/0	

Issued By: Lab Chemist

Date: 18/10/2024