

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id

CHEVROLET CHEVY BELAIR

Component Gasoline Engine Fluid

LUCAS 10W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0962891		
Sample Date		Client Info		11 Jul 2024		
Machine Age	mls	Client Info		600		
Oil Age	mls	Client Info		500		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>4.0	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>150	18		
Chromium	ppm	ASTM D5185(m)	>20	2		
Nickel	ppm	ASTM D5185(m)	>5	0		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	>2	0		
Aluminum	ppm	ASTM D5185(m)	>40	15		
Lead	ppm	ASTM D5185(m)	>50	5		
Copper	ppm	ASTM D5185(m)	>155	18		
Tin	ppm	ASTM D5185(m)	>10	<1		
Antimony	ppm	ASTM D5185(m)		0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		20		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)		700		
Manganese	ppm	ASTM D5185(m)		<1		
Magnesium	ppm	ASTM D5185(m)		111		
Calcium	ppm	ASTM D5185(m)		1507		
Phosphorus	ppm	ASTM D5185(m)		1653		
Zinc	ppm	ASTM D5185(m)		1436		
Sulfur	ppm	ASTM D5185(m)		3621		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>30	70		
Sodium	ppm	ASTM D5185(m)	>400	4		
Potassium	ppm	ASTM D5185(m)	>20	1		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*		0		
Nitration	Abs/cm	ASTM D7624*	>20	4.5		
Sulfation	Abs/.1mm	ASTM D7415*	>30	15.1		



35

30

25

<u>ج</u> 20

8.0

(b/H0J Bu)

4.0

unper 4.0

age 2.0

0.0

18

17

16

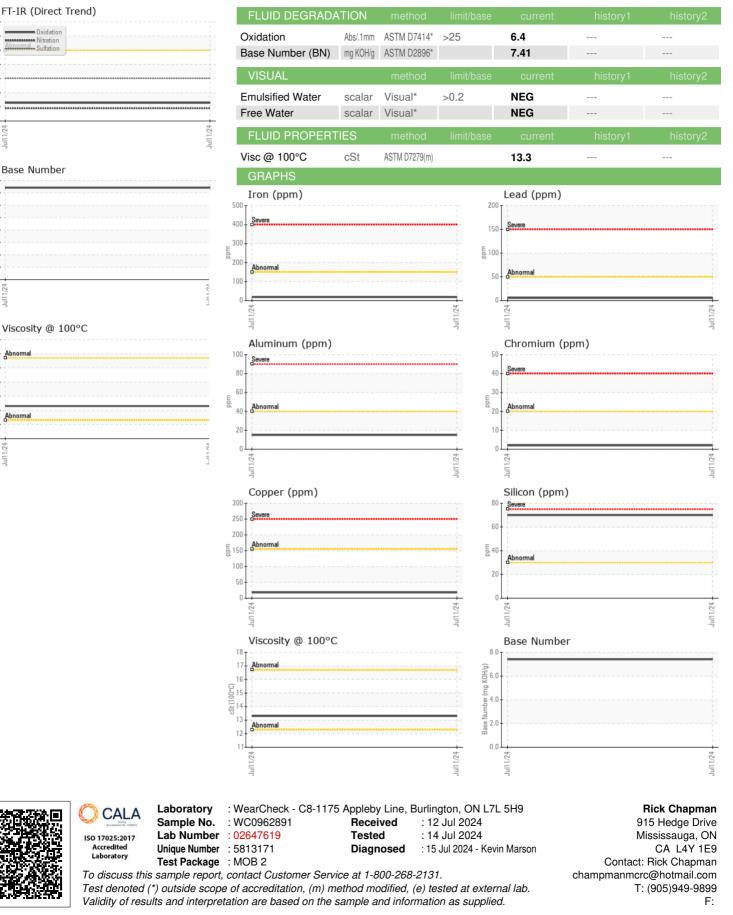
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Jul11/24

Abs 10

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