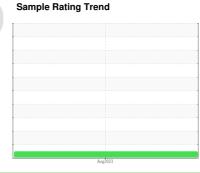


**OIL ANALYSIS REPORT** 

Area [21917] 20-46

Component **Diesel Engine** 

**DIESEL ENGINE OIL SAE 15W40 (--- GAL)** 





## Recommendation Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. Contamination

There is no indication of any contamination in the

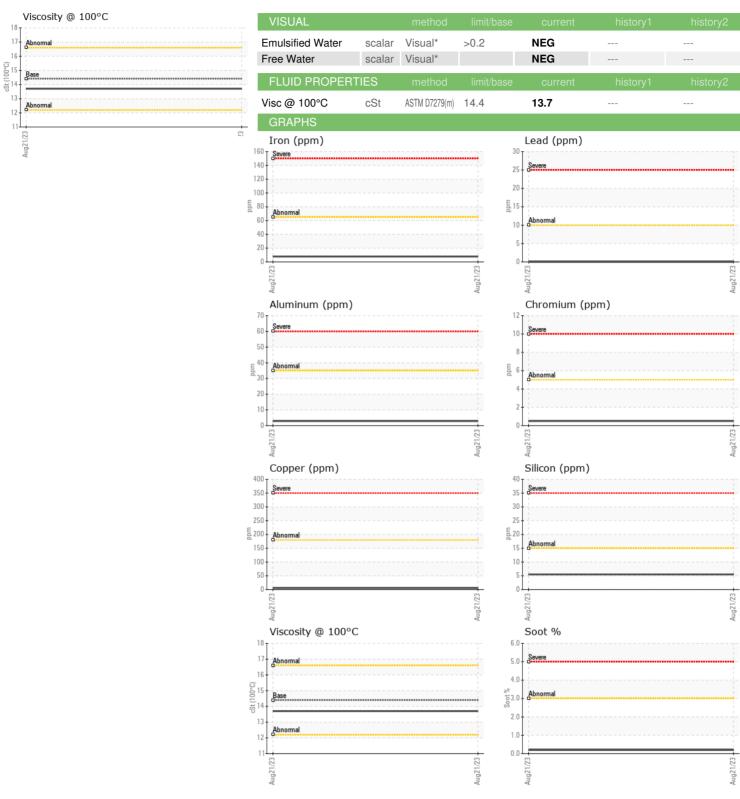
## **Fluid Condition**

The condition of the oil is acceptable for the time in service.

				lug2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0842940		
Sample Date		Client Info		21 Aug 2023		
Machine Age	kms	Client Info		99530		
Oil Age	kms	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	V	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>65	8		
Chromium	ppm	ASTM D5185(m)	>5	<1		
Nickel	ppm	ASTM D5185(m)	>3	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	>2	0		
Aluminum	ppm	ASTM D5185(m)	>35	3		
Lead	ppm	ASTM D5185(m)	>10	0		
Copper	ppm	ASTM D5185(m)	>180	6		
Tin	ppm	ASTM D5185(m)	>8	<1		
Antimony	ppm	ASTM D5185(m)	>35	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)	250	28		
Barium	ppm	ASTM D5185(m)	10	0		
Molybdenum	ppm	ASTM D5185(m)	100	41		
Manganese	ppm	ASTM D5185(m)		<1		
Magnesium	ppm	ASTM D5185(m)	450	541		
Calcium	ppm	ASTM D5185(m)	3000	1682		
Phosphorus	ppm	ASTM D5185(m)	1150	793		
Zinc	ppm	ASTM D5185(m)	1350	905		
Sulfur	ppm	ASTM D5185(m)	4250	2090		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	6		
Sodium	ppm	ASTM D5185(m)	>158	3		
Potassium	ppm	ASTM D5185(m)	>20	2		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0.2		
Nitration	Abs/cm	ASTM D7624*	>20	8.1		
Sulfation	Abs/.1mm	ASTM D7415*	>30	23.8		
	TION	method	limit/base	current	history1	history2
FLUID DEGRADA		mounou	III III Dasc	- Carrent	Thistory I	History



## **OIL ANALYSIS REPORT**





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number **Unique Number** 

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : WC0842940 : 02578392

: 5631452 Test Package : MOB 1

Received : 25 Aug 2023 Diagnosed : 25 Aug 2023 Diagnostician : Wes Davis

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

**OX FLEET CARE** 466 HIGHWAY 52 DUNDAS, ON **CA L9H 5E2** 

Contact: Jon Burgess

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F: