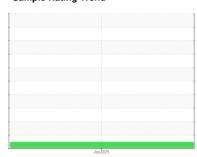


# **OIL ANALYSIS REPORT**

Sample Rating Trend



NORMAL



Machine Id
2302
Component
Diesel Engine

**DIESEL ENGINE OIL SAE 10W30 (--- LTR)** 

# 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

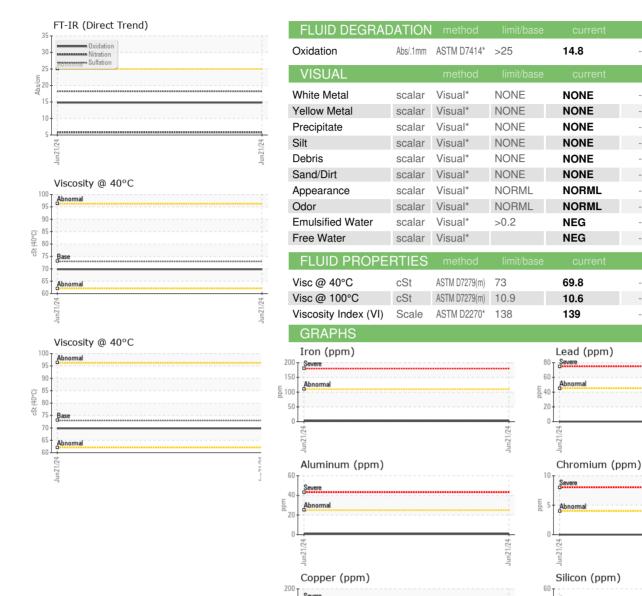
## **Fluid Condition**

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

				Jun2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0116392		
Sample Date		Client Info		21 Jun 2024		
Machine Age	kms	Client Info		1459433		
Oil Age	kms	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	.S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>110	3		
Chromium	ppm	ASTM D5185(m)	>4	0		
Nickel	ppm	ASTM D5185(m)	>2	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	>2	<1		
Aluminum	ppm	ASTM D5185(m)	>25	<1		
Lead	ppm	ASTM D5185(m)	>45	0		
Copper	ppm	ASTM D5185(m)	>85	<1		
Tin	ppm	ASTM D5185(m)	>4	0		
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)	250	2		
Barium	ppm	ASTM D5185(m)	10	0		
Molybdenum	ppm	ASTM D5185(m)	100	57		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)	450	947		
Calcium	ppm	ASTM D5185(m)	3000	1021		
Phosphorus	ppm	ASTM D5185(m)	1150	988		
Zinc	ppm	ASTM D5185(m)	1350	1160		
Sulfur	ppm	ASTM D5185(m)	4250	2631		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>30	3		
Sodium	ppm	ASTM D5185(m)		1		
Potassium	ppm	ASTM D5185(m)	>20	<1		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0		
Nitration	Abs/cm	ASTM D7624*	>20	5.8		
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.2		



# **OIL ANALYSIS REPORT**







Laboratory Sample No.

Lab Number

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

šš

Abnorma

: GFL0116392 : 02644757

Unique Number : 5802296

Viscosity @ 100°C

Received : 02 Jul 2024 **Tested** : 02 Jul 2024 Diagnosed

: 02 Jul 2024 - Wes Davis

Soot %

0.0

Test Package : MOB 1 ( Additional Tests: KV40, VI, Visual ) 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.

GFL Environmental - 350 - Emeral Park Regina

2B Industrial Drive,, Great Plains Industrial Park, Emerald Park, SK

CA S4L 1B6 Contact: Vaughn Hortness vhortness@gflenv.com T: (877)244-9500

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