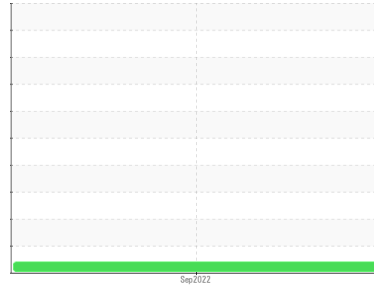




OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
092380

Component
Transmission

Fluid
DIESEL ENGINE OIL SAE 15W40 (--- 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 fluid.

▲ Fluid Condition

Viscosity of sample indicates oil is within SAE 20 range, advise investigate. The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0713513	---	---
Sample Date	Client Info		01 Sep 2022	---	---
Machine Age	hrs	Client Info	5955	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	117	---
Chromium	ppm	ASTM D5185(m)	>10	<1	---
Nickel	ppm	ASTM D5185(m)		0	---
Titanium	ppm	ASTM D5185(m)		<1	---
Silver	ppm	ASTM D5185(m)		<1	---
Aluminum	ppm	ASTM D5185(m)	>50	5	---
Lead	ppm	ASTM D5185(m)	>50	<1	---
Copper	ppm	ASTM D5185(m)	>200	7	---
Tin	ppm	ASTM D5185(m)	>10	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	6	---
Barium	ppm	ASTM D5185(m)	10	0	---
Molybdenum	ppm	ASTM D5185(m)	100	30	---
Manganese	ppm	ASTM D5185(m)		2	---
Magnesium	ppm	ASTM D5185(m)	450	574	---
Calcium	ppm	ASTM D5185(m)	3000	1491	---
Phosphorus	ppm	ASTM D5185(m)	1150	992	---
Zinc	ppm	ASTM D5185(m)	1350	1093	---
Sulfur	ppm	ASTM D5185(m)	4250	2757	---
Lithium	ppm	ASTM D5185(m)		<1	---

CONTAMINANTS

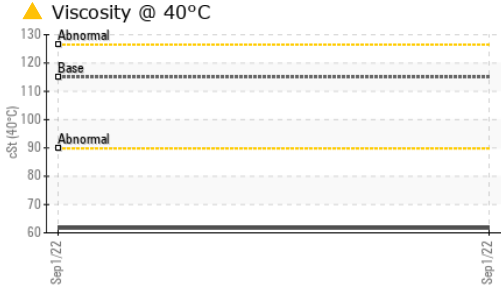
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	10	---
Sodium	ppm	ASTM D5185(m)	>158	12	---
Potassium	ppm	ASTM D5185(m)	>20	3	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---



OIL ANALYSIS REPORT

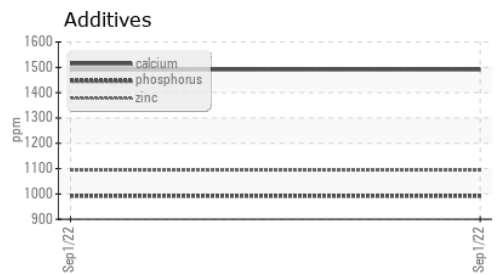
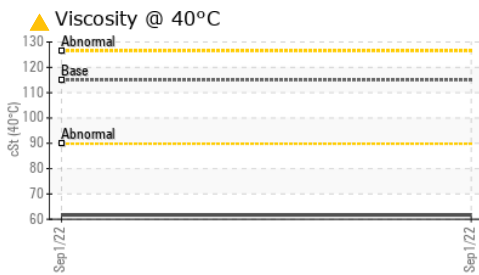
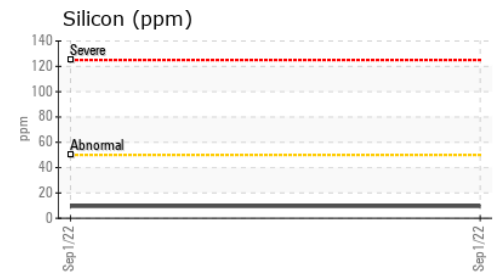
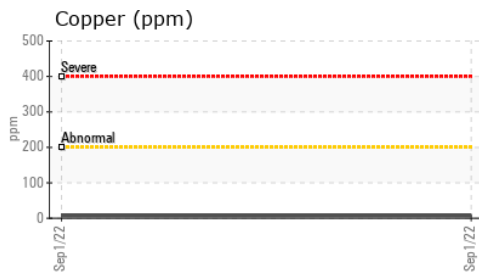
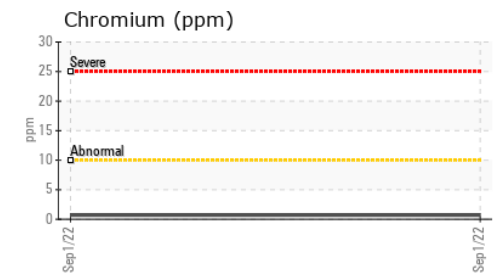
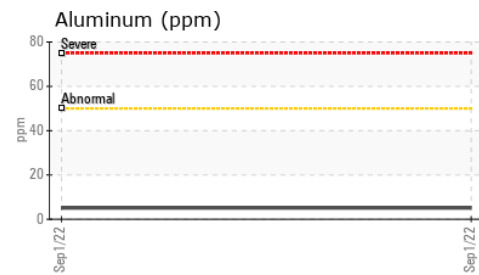
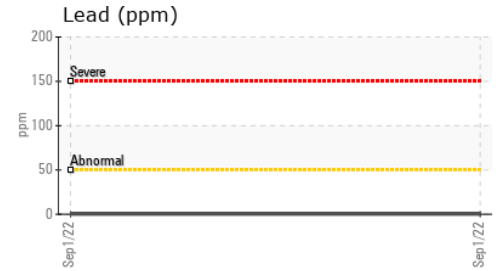
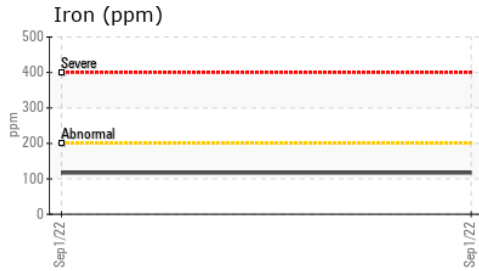


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	▲ 61.7	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0713513 **Received** : 06 Sep 2022
Lab Number : 02509103 **Diagnosed** : 07 Sep 2022
Unique Number : 5450073 **Diagnostician** : Kevin Marson
Test Package : MOB 1

C.G. EQUIPMENT
 7367 Wellington Rd. 30, Unit A
 Guelph, ON
 CA N0M 2T0
 Contact: CG Equipment CG Guelph
 cory@cgequipment.com
 T: (519)826-0550
 F: (519)837-2055

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.