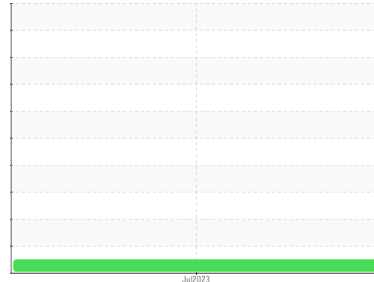




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
WL0415

Component
Front Differential

Fluid
GEAR OIL SAE 80W90 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

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.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0088315	---	---
Sample Date	Client Info	12 Jul 2023	---	---
Machine Age	hrs Client Info	5138	---	---
Oil Age	hrs Client Info	1000	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185(m) >500	67	---	---
Chromium ppm	ASTM D5185(m) >10	<1	---	---
Nickel ppm	ASTM D5185(m) >10	0	---	---
Titanium ppm	ASTM D5185(m)	<1	---	---
Silver ppm	ASTM D5185(m)	0	---	---
Aluminum ppm	ASTM D5185(m) >25	<1	---	---
Lead ppm	ASTM D5185(m) >25	0	---	---
Copper ppm	ASTM D5185(m) >100	<1	---	---
Tin ppm	ASTM D5185(m) >10	0	---	---
Antimony ppm	ASTM D5185(m) >5	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) 400	125	---	---
Barium ppm	ASTM D5185(m) 200	<1	---	---
Molybdenum ppm	ASTM D5185(m) 12	<1	---	---
Manganese ppm	ASTM D5185(m)	1	---	---
Magnesium ppm	ASTM D5185(m) 12	10	---	---
Calcium ppm	ASTM D5185(m) 150	73	---	---
Phosphorus ppm	ASTM D5185(m) 1650	2051	---	---
Zinc ppm	ASTM D5185(m) 125	42	---	---
Sulfur ppm	ASTM D5185(m) 22500	21941	---	---
Lithium ppm	ASTM D5185(m)	2	---	---

CONTAMINANTS

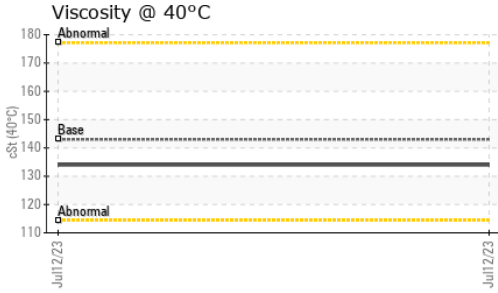
method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185(m) >75	7	---	---
Sodium ppm	ASTM D5185(m) >170	3	---	---
Potassium ppm	ASTM D5185(m) >20	<1	---	---

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* >.2	NEG	---	---
Free Water scalar	Visual*	NEG	---	---



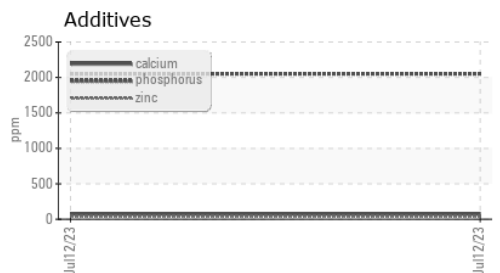
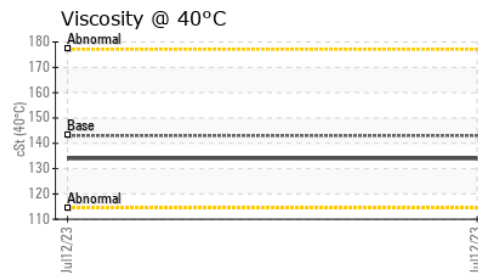
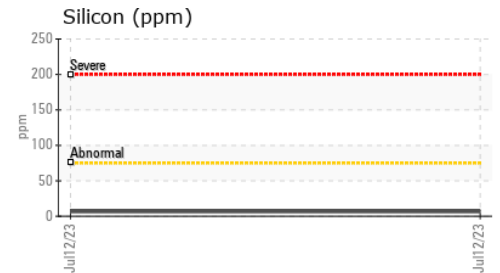
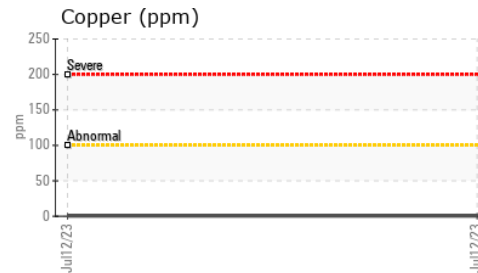
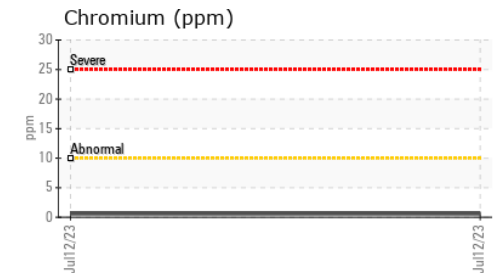
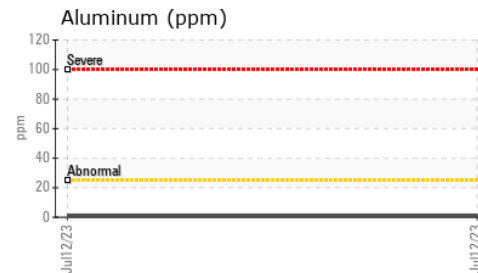
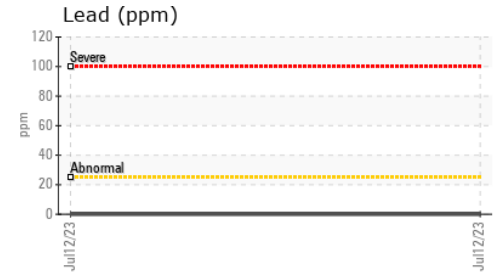
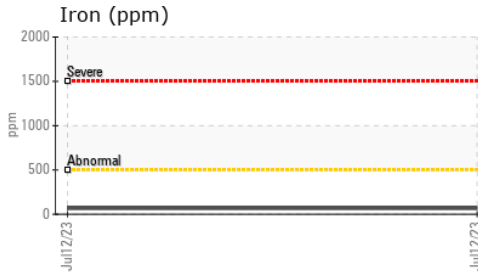
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	134	---	---

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
 Sample No. : GFL0088315 Received : 14 Aug 2023
 Lab Number : 02575771 Diagnosed : 14 Aug 2023
 Unique Number : 5620822 Diagnostician : Wes Davis
 Test Package : MOB 1

GFL Environmental - Boylston
 151 Waste Management Road Hiwy 16
 Boylston, NS
 CA B0H 1G0
 Contact: Bruce Avery
 bruce.avery@gflenv.com

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.

T:
F: