



OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
801149
 Component
Natural Gas Engine
 Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.
 Please specify the brand, type, and viscosity of the oil on your next sample.

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	GFL0084185	---	---
Sample Date	Client Info	07 Sep 2023	---	---
Machine Age	hrs Client Info	14279	---	---
Oil Age	hrs Client Info	600	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185(m) >50	11	---	---
Chromium ppm	ASTM D5185(m) >4	<1	---	---
Nickel ppm	ASTM D5185(m) >2	<1	---	---
Titanium ppm	ASTM D5185(m)	0	---	---
Silver ppm	ASTM D5185(m) >3	<1	---	---
Aluminum ppm	ASTM D5185(m) >9	2	---	---
Lead ppm	ASTM D5185(m) >30	2	---	---
Copper ppm	ASTM D5185(m) >35	2	---	---
Tin ppm	ASTM D5185(m) >4	<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)	12	---	---
Barium ppm	ASTM D5185(m)	<1	---	---
Molybdenum ppm	ASTM D5185(m)	55	---	---
Manganese ppm	ASTM D5185(m)	<1	---	---
Magnesium ppm	ASTM D5185(m)	562	---	---
Calcium ppm	ASTM D5185(m)	1674	---	---
Phosphorus ppm	ASTM D5185(m)	672	---	---
Zinc ppm	ASTM D5185(m)	944	---	---
Sulfur ppm	ASTM D5185(m)	2045	---	---
Lithium ppm	ASTM D5185(m)	<1	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185(m) >+100	6	---	---
Sodium ppm	ASTM D5185(m)	8	---	---
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	11.6	---	---
Sulfation Abs/.1mm	ASTM D7415* >30	21.5	---	---

FLUID DEGRADATION

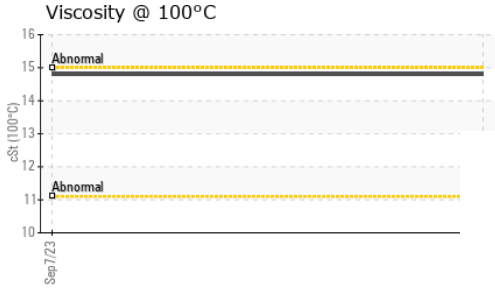
method	limit/base	current	history1	history2
Oxidation Abs/.1mm	ASTM D7414* >25	18.2	---	---

VISUAL

method	limit/base	current	history1	history2
Emulsified Water scalar	Visual* >0.1	NEG	---	---
Free Water scalar	Visual*	NEG	---	---

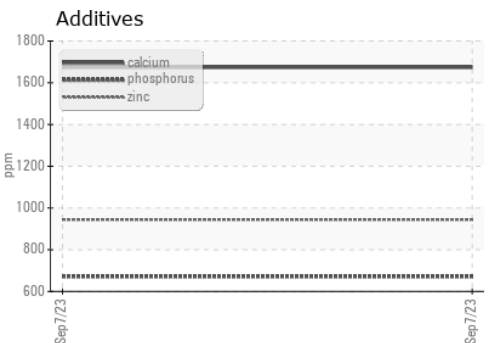
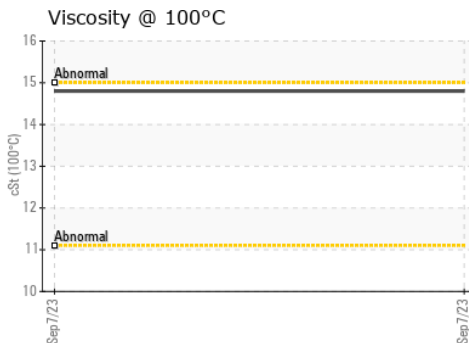
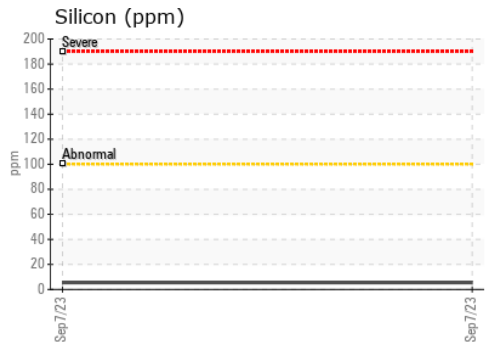
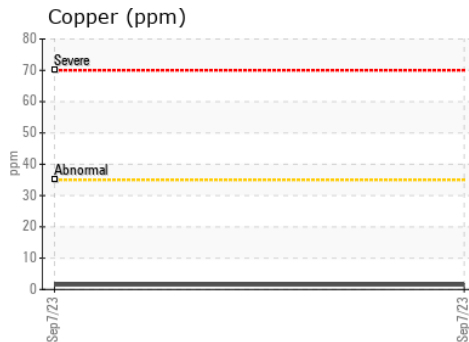
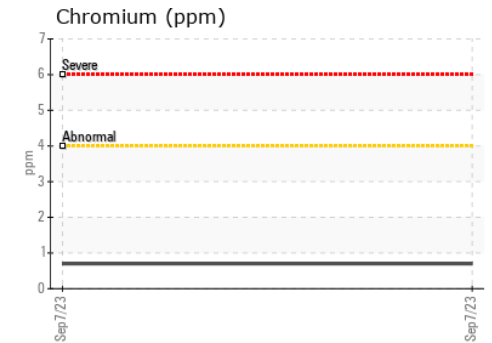
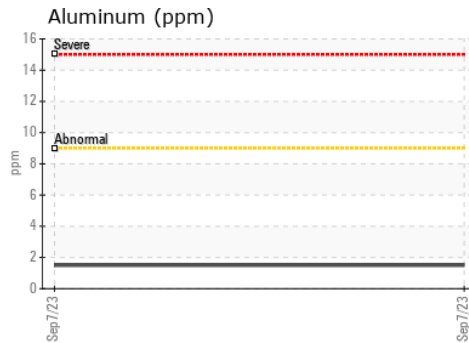
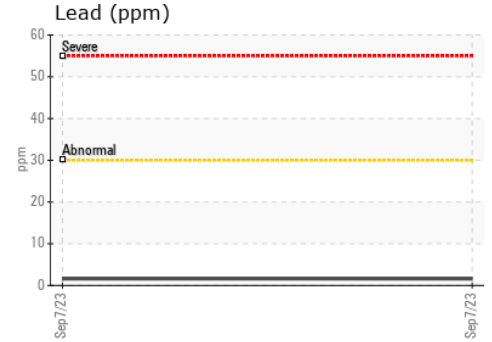
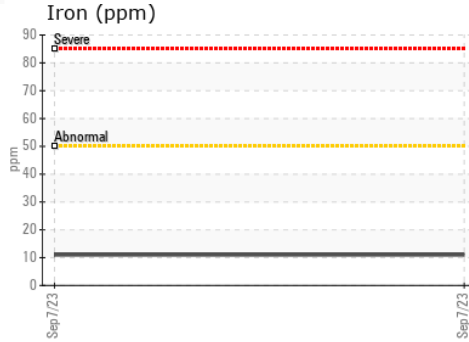


OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)		14.8	---	---

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 574 - Vancouver Fleet
Sample No. : GFL0084185 **Received** : 24 Oct 2023
Lab Number : 02591327 **Diagnosed** : 24 Oct 2023
Unique Number : 5668406 **Diagnostician** : Wes Davis
Test Package : MOB 1

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.

Contact: Gary Ewasiuk
 gewasiuk@gflenv.com

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