



OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
833013
 Component
Transmission (Auto)
 Fluid
DEXRON III (28 QTS)

DIAGNOSIS

Recommendation
 We advise that you check all areas where dirt can enter the system. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear
 All component wear rates are normal.

Contamination
 Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

Fluid Condition
 The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0106848	---	---
Sample Date	Client Info	13 Feb 2024	---	---
Machine Age	hrs Client Info	4853	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ABNORMAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >325	52	---	---
Chromium	ppm ASTM D5185m >2	0	---	---
Nickel	ppm ASTM D5185m >2	<1	---	---
Titanium	ppm ASTM D5185m >3	<1	---	---
Silver	ppm ASTM D5185m >5	0	---	---
Aluminum	ppm ASTM D5185m >75	▲ 26	---	---
Lead	ppm ASTM D5185m >40	24	---	---
Copper	ppm ASTM D5185m >50	11	---	---
Tin	ppm ASTM D5185m >10	4	---	---
Vanadium	ppm ASTM D5185m	0	---	---
Cadmium	ppm ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	51	---	---
Barium	ppm ASTM D5185m	0	---	---
Molybdenum	ppm ASTM D5185m	0	---	---
Manganese	ppm ASTM D5185m	2	---	---
Magnesium	ppm ASTM D5185m	3	---	---
Calcium	ppm ASTM D5185m	78	---	---
Phosphorus	ppm ASTM D5185m	250	---	---
Zinc	ppm ASTM D5185m	7	---	---
Sulfur	ppm ASTM D5185m	1036	---	---

CONTAMINANTS

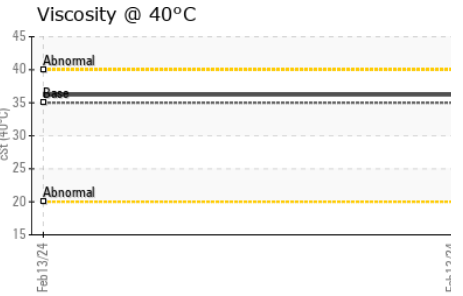
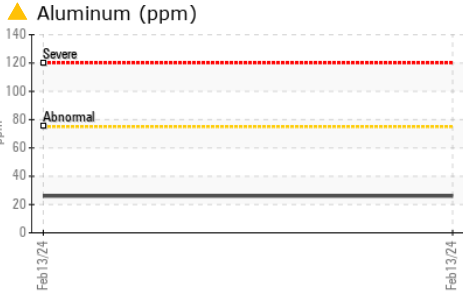
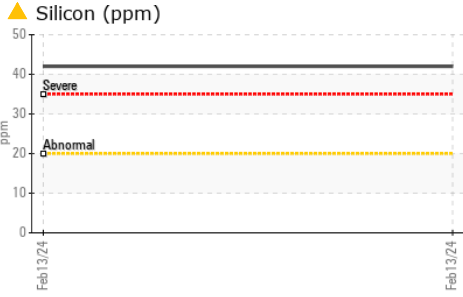
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	▲ 42	---	---
Sodium	ppm ASTM D5185m	8	---	---
Potassium	ppm ASTM D5185m >20	8	---	---

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	---	---



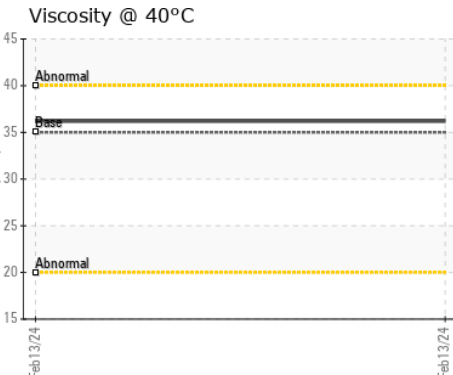
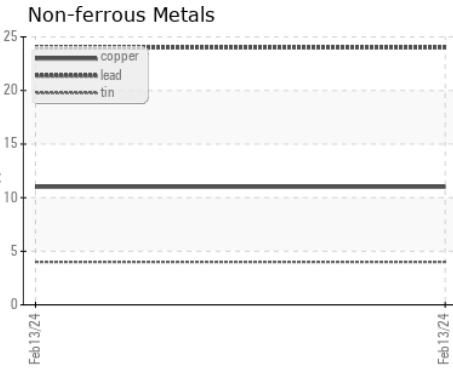
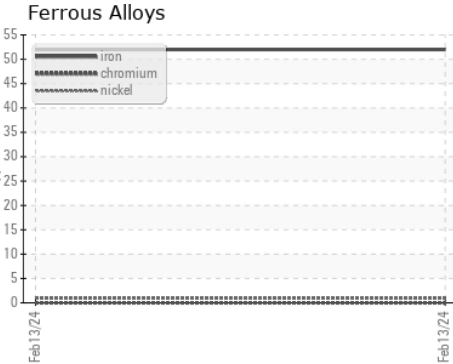
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	35.0	36.2	---	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0106848
Lab Number : 06089788
Unique Number : 10882641
Test Package : FLEET

Received : 14 Feb 2024
Tested : 16 Feb 2024
Diagnosed : 16 Feb 2024 - Jonathan Hester

GFL Environmental - 856 - Houston South
 8515 Highway 6 South
 Houston, TX
 US 77083
 Contact: Apolinar Zacarias
 pzacariascano@gflenv.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:
F: