



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
413069
Component
1 Differential
Fluid
GEAR OIL SAE 80 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: 1st Axle / Pusher)

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

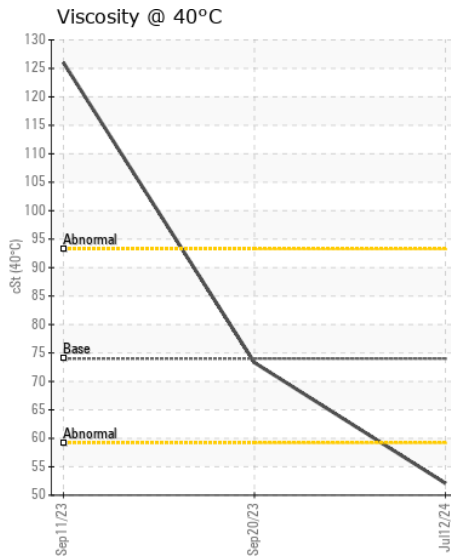
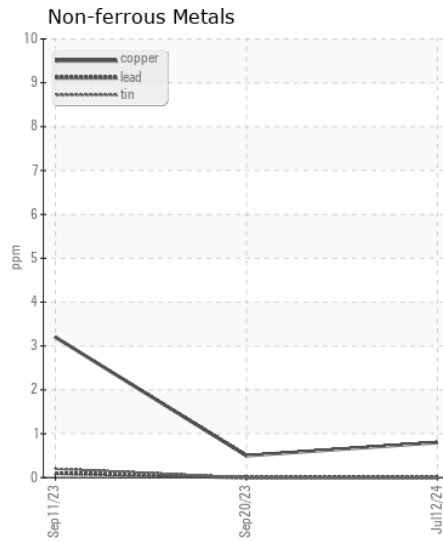
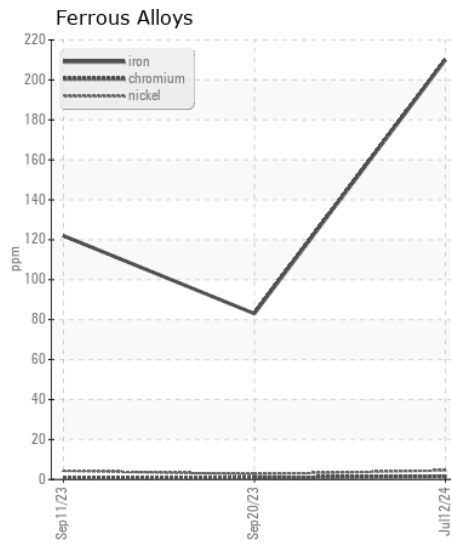
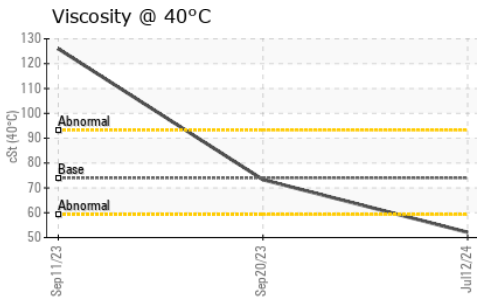
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0128701	GFL0094102	GFL0094097
Sample Date		Client Info		12 Jul 2024	20 Sep 2023	11 Sep 2023
Machine Age	hrs	Client Info		74080	36737	35682
Oil Age	hrs	Client Info		74080	35682	35682
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Changed	Changed
Filter Changed		Client Info		Not Changed	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL

Iron	ppm	ASTM D5185m	>1200	210	83	122
Chromium	ppm	ASTM D5185m	>8	2	<1	<1
Nickel	ppm	ASTM D5185m	>20	4	3	4
Titanium	ppm	ASTM D5185m	>4	0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>30	4	3	8
Lead	ppm	ASTM D5185m	>25	0	0	<1
Copper	ppm	ASTM D5185m	>50	<1	<1	3
Tin	ppm	ASTM D5185m	>5	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>230	161	113	▲ 163
Potassium	ppm	ASTM D5185m	>20	1	<1	0
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>.2	NEG	NEG	0.2%

Sodium	ppm	ASTM D5185m		0	2	3
Boron	ppm	ASTM D5185m	400	94	88	327
Barium	ppm	ASTM D5185m	200	0	0	0
Molybdenum	ppm	ASTM D5185m	12	<1	<1	0
Manganese	ppm	ASTM D5185m		3	2	4
Magnesium	ppm	ASTM D5185m	12	2	2	4
Calcium	ppm	ASTM D5185m	150	0	7	12
Phosphorus	ppm	ASTM D5185m	1650	621	594	1041
Zinc	ppm	ASTM D5185m	125	7	7	3
Sulfur	ppm	ASTM D5185m	22500	16885	17482	24389
Visc @ 40°C	cSt	ASTM D445	74	52.1	73.3	126



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0128701
Lab Number : 06240766
Unique Number : 11129600
Test Package : FLEET

Received : 18 Jul 2024
Tested : 19 Jul 2024
Diagnosed : 22 Jul 2024 - Don Baldrige

GFL Environmental - 983 - Sugar Land Hauling
 16011 West Belfort Street
 Sugar Land, TX
 US 77498
 Contact: TECHNICIAN ACCOUNT
 wcgfldemo@gmail.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)

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