

WEAR CONTAMINATION FLUID CONDITION

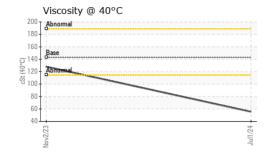
NORMAL NORMAL

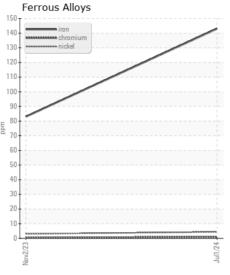


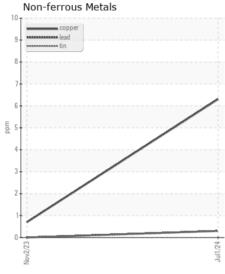
Machine Id
413065
Component
1 Differential

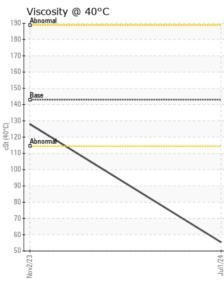
GEAR OIL SAE 80W90 (--- GAL)

GEAR OIL SAE 80W90 ( GAL	-)						
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor. ( Customer Sample	Sample Number		Client Info		GFL0123579	GFL0094111	
Comment: 1st Axle / Pusher )	Sample Date		Client Info		01 Jul 2024	02 Nov 2023	
	Machine Age	mls	Client Info		58077	32468	
	Oil Age	mls	Client Info		58077	32468	
	Filter Age	mls	Client Info		58077	0	
	Oil Changed		Client Info		Not Changd	Changed	
	Filter Changed		Client Info		Not Changd	N/A	
	Sample Status				NORMAL	NORMAL	
WEAR	Iron	ppm	ASTM D5185m	>1200	143	83	
	Chromium	ppm	ASTM D5185m		1	<1	
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		4	3	
	Titanium	ppm	ASTM D5185m		0	0	
	Silver	ppm	ASTM D5185m		0	0	
	Aluminum	ppm	ASTM D5185m	>30	2	<1	
	Lead	ppm	ASTM D5185m	>25	<1	0	
	Copper	ppm	ASTM D5185m	>50	6	<1	
	Tin	ppm	ASTM D5185m	>5	<1	0	
	Vanadium	ppm	ASTM D5185m		0	0	
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
CONTAMINATION	Silicon	ppm	ASTM D5185m	>230	67	55	
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	2	<1	
There is no indication of any contamination in the oil.	Water		WC Method		NEG	NEG	
	Silt	scalar	*Visual	NONE	NONE	NONE	
	Debris	scalar	*Visual	NONE	NONE	NONE	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water	scalar	*Visual	>.2	NEG	NEG	
FLUID CONDITION	Sodium	ppm	ASTM D5185m	>170	3	4	
The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m	400	100	240	
The condition of the offis acceptable for the time in service.	Barium	ppm	ASTM D5185m	200	0	0	
	Molybdenum	ppm	ASTM D5185m	12	0	0	
	Manganese	ppm	ASTM D5185m		3	2	
	Magnesium	ppm	ASTM D5185m	12	2	2	
	Calcium	ppm	ASTM D5185m	150	5	17	
	Phosphorus	ppm	ASTM D5185m	1650	760	897	
	Zinc	ppm	ASTM D5185m	125	28	11	
	Sulfur	ppm	ASTM D5185m	22500	22702	19862	
	Visc @ 40°C	cSt	ASTM D445		55.4	128	
Papart Id: CEL 002 [MILICOAD] 06220570 (Caparated: 07/10/2024 11:22:25) Pay: 1				Cub	mittad Du TI		ACCOUNT











Certificate L2367

Laboratory Sample No.

: GFL0123579 Lab Number : 06230579 Unique Number : 11114072 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 08 Jul 2024

**Tested** : 10 Jul 2024 Diagnosed : 10 Jul 2024 - Sean Felton

GFL Environmental - 983 - Sugar Land Hauling

16011 West Belfort Street Sugar Land, TX

US 77498 Contact: TECHNICIAN ACCOUNT

wcgfldemo@gmail.com T:

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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