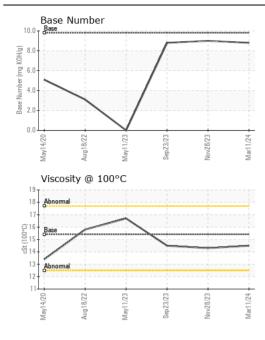
WEAR CONTAMINATION **FLUID CONDITION**

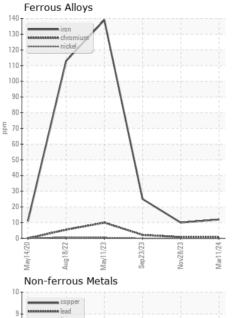
NORMAL NORMAL NORMAL

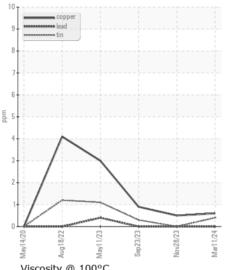
920080-205317

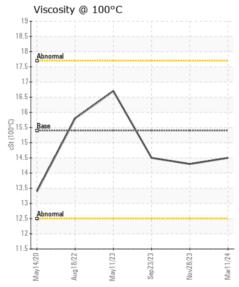
Component Diesel Engine

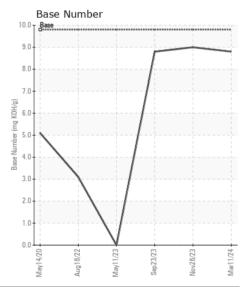
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number		Client Info		GFL0114454	GFL0100461	GFL009327
Resample at the next service interval to monitor. (Customer Sample Comment: Engine oil sample)	Sample Date		Client Info		11 Mar 2024	28 Nov 2023	23 Sep 202
	Machine Age	mls	Client Info		150697	145306	139964
	Oil Age	mls	Client Info		150697	145306	139964
	Filter Age	mls	Client Info		0	0	0
	Oil Changed		Client Info		Not Changd	Changed	Changed
	Filter Changed		Client Info		Not Changd	Changed	Changed
	Sample Status				NORMAL	NORMAL	NORMAL
WEAR	Iron	nnm	ASTM D5185m	>100	12	10	25
WLAN	Chromium	ppm	ASTM D5185m		<1	<1	2
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		0	0	0
	Titanium	ppm	ASTM D5185m	77	<1	0	0
	Silver	ppm	ASTM D5185m	\3	0	0	0
	Aluminum	ppm	ASTM D5185m		3	2	4
	Lead	ppm	ASTM D5185m		0	0	0
	Copper	ppm	ASTM D5185m		<1	<1	<1
	Tin	ppm	ASTM D5185m		<1	0	<1
	Vanadium	ppm	ASTM D5185m		<1	0	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	0.11.		AOTA DE LOS	05			
CONTAMINATION	Silicon	ppm	ASTM D5185m		4	3	4
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m		5	5	6
	Fuel		WC Method		<1.0	<1.0	<1.0
	Water		WC Method WC Method	>0.2	NEG NEG	NEG NEG	NEG NEG
	Glycol Soot %	%	*ASTM D7844	. 2	0.8	0.7	1
	Nitration	Abs/cm	*ASTM D7624	>20	7.7	7.6	8.9
	Sulfation	Abs/.1mm	*ASTM D7415		19.2	19.7	20.3
	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	NORN
	Odor	scalar	*Visual	NORML	NORML	NORML	NORM
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
THE CONDITION	O "		AOTA DE LOS				
FLUID CONDITION	Sodium	ppm	ASTM D5185m	0	1	2	4
The BN result indicates that there is suitable alkalinity remaining in the	Boron	ppm	ASTM D5185m		0	0	0
oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		2	2	0
	Molybdenum	ppm	ASTM D5185m ASTM D5185m		63	55 0	64
	Manganese	ppm			0		<1
	Magnesium Calcium	ppm	ASTM D5185m ASTM D5185m		947 1130	853 1017	889 1052
	Phosphorus	ppm	ASTM D5185m		934	897	994
	Zinc	ppm	ASTM D5185m		934 1232	1119	1217
	Sulfur	ppm	ASTM D5185m		3208	4506	3455
	Oxidation	Abs/.1mm	*ASTM D3163111		3206 14.6	14.8	16.3
	Base Number (BN)		ASTM D7414 ASTM D2896		8.8	9.0	8.8
	במסט ויונוווטטו (בווע)	mg nomg	, TO LIVI DE000	0.0	U.U	0.0	0.0













Certificate L2367

Laboratory

Sample No.

Lab Number : 06125403 Unique Number: 10939554

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0114454 Received : 21 Mar 2024 **Tested** : 22 Mar 2024

Diagnosed : 25 Mar 2024 - Don Baldridge

GFL Environmental - 865 - East Mount Hauling 7213 East Mount Houston Road

Houston, TX US 77050

Contact: Saul Castillo saul.castillo@gflenv.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)

F: