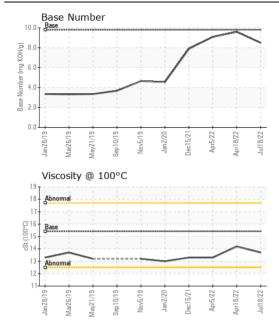
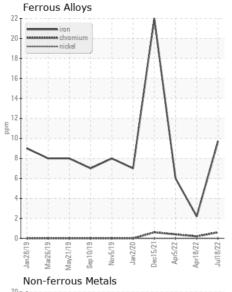
**WEAR** CONTAMINATION **FLUID CONDITION**  **NORMAL NORMAL NORMAL** 

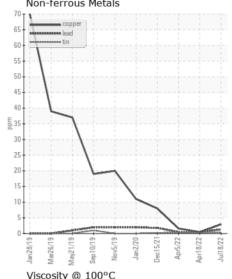
929077-205274

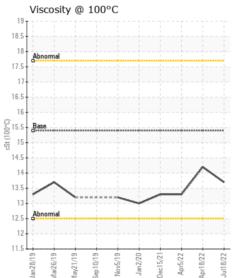
Component

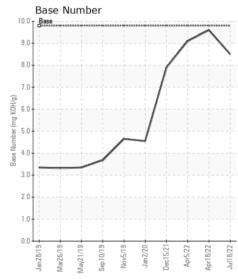
	Test	UOM	Method	Limit/Abn	Current	History1	History2
RECOMMENDATION  Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.	Sample Number	UCIVI	Client Info	LIIIIUAUII	GFL0046826	GFL0046843	GFL0046842
	Sample Date		Client Info		18 Jul 2022	18 Apr 2022	05 Apr 2022
	Machine Age	hrs	Client Info		34464	10862	10742
	Oil Age	hrs	Client Info		0	120	948
	Filter Age	hrs	Client Info		0	0	0
	Oil Changed	1113	Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status		Oliciti iiilo		NORMAL	NORMAL	NORMAL
WEAD							
WEAR	Iron	ppm	ASTM D5185m		10	2	6
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		<1	<1	<1
	Nickel	ppm	ASTM D5185m	>4	0	0	0
	Titanium	ppm	ASTM D5185m		0	0	0
	Silver	ppm	ASTM D5185m	-	0	<1	<1
	Aluminum	ppm	ASTM D5185m		1	<1	2
	Lead	ppm	ASTM D5185m	-	1	<1	<1
	Copper	ppm	ASTM D5185m		3	<1	2
	Tin	ppm	ASTM D5185m	>15	<1	<1	<1
	Vanadium	ppm	ASTM D5185m		0	0	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>25	5	3	6
	Potassium	ppm	ASTM D5185m	>20	<1	<1	0
There is no indication of any contamination in the oil.	Fuel	1-1-	WC Method		<1.0	<1.0	<1.0
	Water		WC Method		NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
	Soot %	%	*ASTM D7844	>3	0.3	0.1	0.2
	Nitration	Abs/cm	*ASTM D7624		9.2	5.9	7.8
	Sulfation	Abs/.1mm	*ASTM D7415		21.8	19.3	20.4
	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
	<b>Emulsified Water</b>	scalar	*Visual	>0.2	NEG	NEG	NEG
EL LUD CONDITION	· · · · · · · · · · · · · · · · · · ·		AOTA DE LOS				
FLUID CONDITION	Sodium	ppm	ASTM D5185m	0	0	<1	2
The BN result indicates that there is suitable alkalinity remaining in the	Boron	ppm	ASTM D5185m		3	5	4
oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m		61	61	60
	Manganese	ppm	ASTM D5185m		<1	<1	<1
	Magnesium	ppm	ASTM D5185m		943	929	959
	Calcium	ppm	ASTM D5185m		1074	1011	1071
	Phosphorus	ppm	ASTM D5185m		1021	1038	1061
	Zinc	ppm	ASTM D5185m		1259	1245	1238
	Sulfur	ppm	ASTM D5185m		3177	2746	2666
	Out death	A I / 4	* A O T L A D T 4 4 4	0.5	47-	440	4 - 0
	Oxidation Base Number (BN)	Abs/.1mm	*ASTM D7414 ASTM D2896		17.5 8.5	14.8 9.6	15.9 9.1













Certificate L2367

Laboratory Sample No. Lab Number **Unique Number** Test Package : FLEET

: GFL0046826 : 05600778 : 10065258

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

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 26 Jul 2022 : 27 Jul 2022 Diagnosed

Diagnostician : Wes Davis

GFL Environmental - 814 - Little Rock Hauling 4005 Hwy 161 N.

Little Rock, AR US 72117

Contact: Brad Koenig bkoenig@gflenv.com T:

\* - 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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