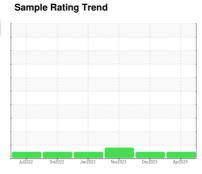


OIL ANALYSIS REPORT







DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

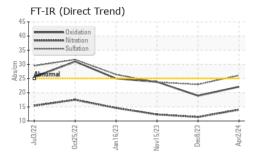
Fluid Condition

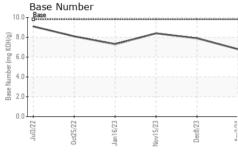
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

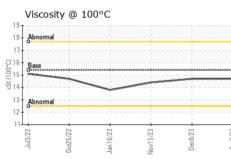
SAMPLE INFOR Sample Number Sample Date Machine Age Oil Age Oil Changed	hrs	method Client Info Client Info Client Info	limit/base	current GFL0115034 02 Apr 2024	history1 GFL0105671 08 Dec 2023	history2 GFL009314 15 Nov 2023
Sample Date Machine Age Oil Age Oil Changed		Client Info				
Machine Age Oil Age Oil Changed				02 Apr 2024	08 Dec 2023	15 Nov 2023
Oil Age Oil Changed		Client Info				
Oil Changed	Te an	Client into		18622	0	18339
	hrs	Client Info		283	0	18042
		Client Info		Changed	Changed	Not Changd
Sample Status				NORMAL	NORMAL	ABNORMAL
CONTAMINAT	TION	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>90	44	24	54
Chromium	ppm	ASTM D5185m	>20	1	1	2
Nickel	ppm	ASTM D5185m	>2	<1	0	<1
Titanium	ppm	ASTM D5185m	>2	0	0	<1
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>20	5	3	5
_ead	ppm	ASTM D5185m	>40	0	0	4
Copper	ppm	ASTM D5185m	>330	<1	2	<u>^</u> 293
Γin	ppm	ASTM D5185m	>15	0	0	2
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<1	<1	18
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	60	61	58	44
Manganese	ppm	ASTM D5185m	0	<1	<1	6
Magnesium	ppm	ASTM D5185m	1010	1019	980	596
Calcium	ppm	ASTM D5185m	1070	1152	1085	1548
Phosphorus	ppm	ASTM D5185m	1150	1098	1103	852
Zinc	ppm	ASTM D5185m	1270	1327	1336	1164
Sulfur	ppm	ASTM D5185m	2060	3490	3140	2017
CONTAMINAN	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	7	4	20
Sodium	ppm	ASTM D5185m		5	6	25
Potassium	ppm	ASTM D5185m	>20	0	<1	4
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>6	2.4	1.8	0.8
	Abs/cm	*ASTM D7624	>20	14.0	11.4	12.3
Vitration				26.1		00.7
Nitration Sulfation	Abs/.1mm	*ASTM D7415	>30	20.1	22.9	23.7
			>30 limit/base	current	history1	
Sulfation				-		23.7 history2 23.8



OIL ANALYSIS REPORT



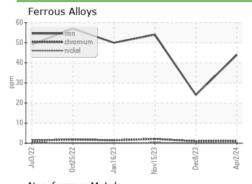


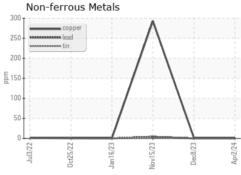


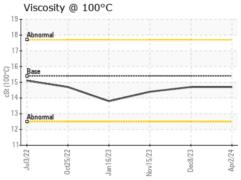
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

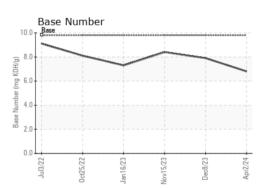
FLUID PROP	ERITES	method			history1	history2
Visc @ 100°C	cSt	ASTM D445	15.4	14.7	14.7	14.4

GRAPHS













Certificate 12367

Laboratory Sample No.

: GFL0115034 Lab Number : 06140832 Unique Number : 10965640 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 08 Apr 2024 **Tested** : 08 Apr 2024 Diagnosed : 08 Apr 2024 - Wes Davis

GFL Environmental - 405 - Arbor Hills 7811 Chubb Rd NORTHVILLE, MI US 48168

Contact: Anthony Hopkins ahopkins@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: