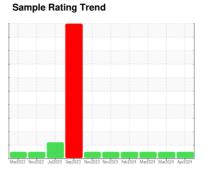


OIL ANALYSIS REPORT







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

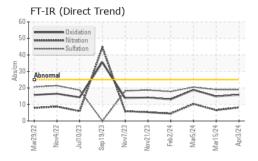
Fluid Condition

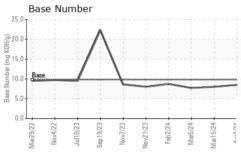
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

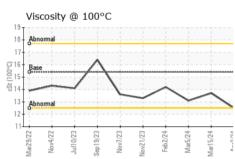
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0104446	GFL0104414	GFL010433
Sample Date		Client Info		03 Apr 2024	15 Mar 2024	05 Mar 2024
Machine Age	hrs	Client Info		23371	16752	23161
Oil Age	hrs	Client Info		600	0	600
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINAT	ΓΙΟΝ	method	limit/base	current	history1	history2
-uel		WC Method	>5	<1.0	<1.0	<1.0
<i>N</i> ater		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	>80	9	14	17
Chromium	ppm	ASTM D5185m	>5	0	<1	<1
Nickel	ppm	ASTM D5185m	>2	0	2	<1
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>30	<1	3	2
_ead	ppm	ASTM D5185m	>30	0	0	<1
Copper	ppm	ASTM D5185m	>150	<1	1	<1
Γin	ppm	ASTM D5185m	>5	0	<1	<1
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	3	4	1
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	60	53	78	52
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	1010	886	1294	862
Calcium	ppm	ASTM D5185m	1070	982	1400	919
Phosphorus	ppm	ASTM D5185m	1150	995	1382	965
Zinc	ppm	ASTM D5185m	1270	1173	1748	1192
Sulfur	ppm	ASTM D5185m	2060	3244	4697	2803
CONTAMINAN	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	3	6	4
Sodium	ppm	ASTM D5185m		5	21	12
Potassium	ppm	ASTM D5185m	>20	0	3	3
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.2	0.3	0.5
Vitration	Abs/cm	*ASTM D7624	>20	8.2	6.6	10.3
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.0	19.0	20.5
FLUID DEGRA	AOITAD.	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	15.9	14.9	18.8



OIL ANALYSIS REPORT



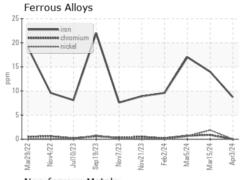




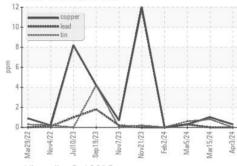
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	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

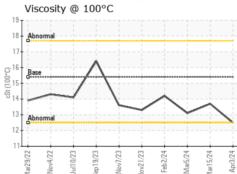
FLUID PROPI	ERTIES	method				history2
Visc @ 100°C	cSt	ASTM D445	15.4	12.5	13.7	13.1

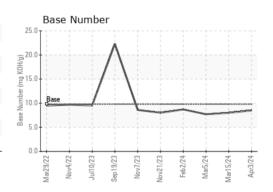
GRAPHS















Laboratory Sample No. Lab Number : 06140959 Unique Number : 10965767

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0104446

Received : 08 Apr 2024 **Tested** Diagnosed

: 09 Apr 2024 : 09 Apr 2024 - Wes Davis

39000 Van Born Rd

US 48184 Contact: Belal Dgheish bdgheish@gflenv.com T: (734)714-2340

GFL Environmental - 410 - Michigan West

Test Package : FLEET Certificate 12367 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) Wayne, MI