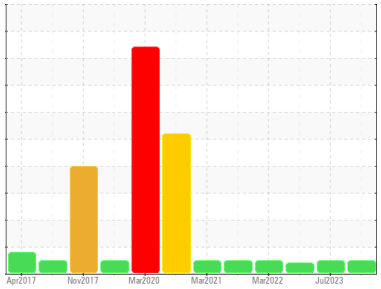
OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL

Area
[2045334]
Machine Id
15194 - L1 EVENFLOW (S/N 10679111)
Component
Gearbox
Fluid
LUBRIPLATE SFGO ULTRA 220 (--- GAL)

DIAGNOSIS

Recommendation
Resample at the next service interval to monitor.
NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear
All component wear rates are normal.

Contamination
There is no indication of any contamination in the oil.

Fluid Condition
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**WC0898043**	WC0796735	WC0711489
Sample Date		Client Info		**26 Jan 2024**	01 Jul 2023	10 Oct 2022
Machine Age	mths	Client Info		**0**	0	2
Oil Age	mths	Client Info		**7**	0	2
Oil Changed		Client Info		**Not Changd**	N/A	N/A
Sample Status				**NORMAL**	NORMAL	ATTENTION

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	**34**	11	12
Chromium	ppm	ASTM D5185m	>15	**<1**	0	0
Nickel	ppm	ASTM D5185m	>15	**<1**	0	0
Titanium	ppm	ASTM D5185m		**0**	0	0
Silver	ppm	ASTM D5185m		**<1**	0	0
Aluminum	ppm	ASTM D5185m	>25	**7**	<1	7
Lead	ppm	ASTM D5185m	>100	**2**	0	0
Copper	ppm	ASTM D5185m	>200	**2**	0	0
Tin	ppm	ASTM D5185m	>25	**<1**	0	0
Vanadium	ppm	ASTM D5185m		**0**	0	<1
Cadmium	ppm	ASTM D5185m		**<1**	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		**0**	0	0
Barium	ppm	ASTM D5185m		**0**	0	0
Molybdenum	ppm	ASTM D5185m		**<1**	0	<1
Manganese	ppm	ASTM D5185m		**2**	0	1
Magnesium	ppm	ASTM D5185m		**2**	2	<1
Calcium	ppm	ASTM D5185m		**11**	2	0
Phosphorus	ppm	ASTM D5185m		**232**	192	439
Zinc	ppm	ASTM D5185m		**18**	0	6
Sulfur	ppm	ASTM D5185m		**1988**	2100	390

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	**12**	3	8
Sodium	ppm	ASTM D5185m		**5**	2	6
Potassium	ppm	ASTM D5185m	>20	**5**	0	0
Water	%	ASTM D6304	>0.2	**0.188**	---	---
ppm Water	ppm	ASTM D6304	>2000	**1880**	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		**0.75**	0.70	0.38

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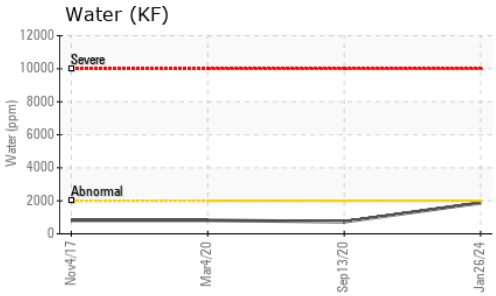
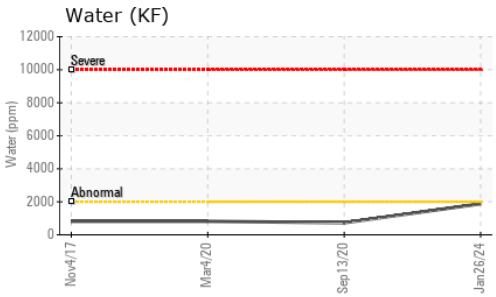
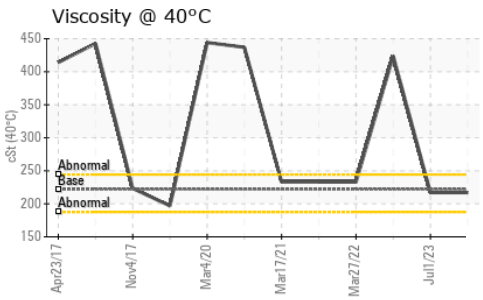
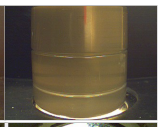
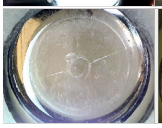
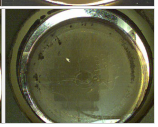




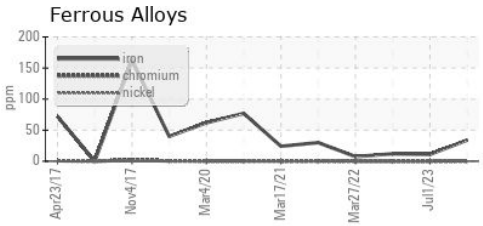


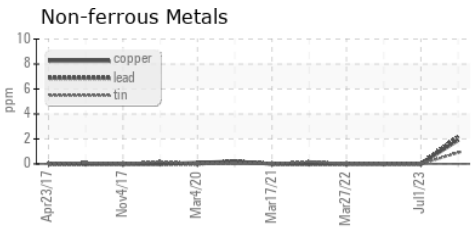
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Precipitate	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silt	scalar	*Visual	NONE	**LIGHT**	NONE	NONE
Debris	scalar	*Visual	NONE	**NONE**	NONE	NONE
Sand/Dirt	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	**0.2%**	NEG	NEG
Free Water	scalar	*Visual		**NEG**	NEG	NEG

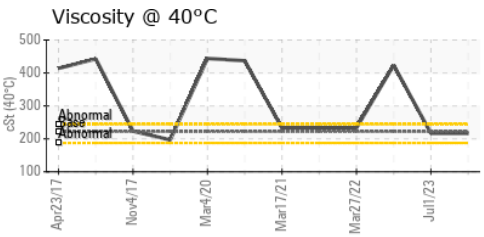
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	222	**217**	217	▲ 423.7

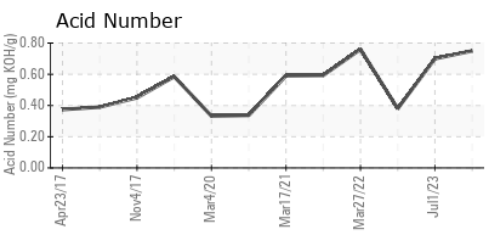
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS









Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0898043 **Received** : 01 Feb 2024
Lab Number : 06077779 **Tested** : 05 Feb 2024
Unique Number : 10859870 **Diagnosed** : 05 Feb 2024 - Wes Davis
Test Package : IND 2 (Additional Tests: KF)

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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