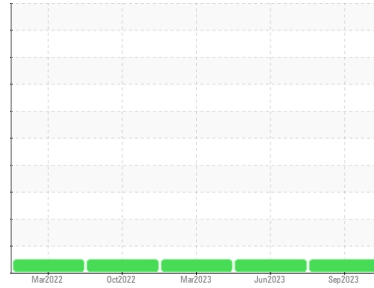




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
FOSW_U61 FOSW_U61_M61

Component
Drive End Bearing

Fluid
ROYAL PURPLE SYNFILM GT 32 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

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	RP0028953	RP0025793	RP0025789
Sample Date	Client Info	22 Sep 2023	15 Jun 2023	30 Mar 2023
Machine Age	hrs Client Info	0	0	0
Oil Age	hrs Client Info	0	0	0
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		NORMAL	NORMAL	NORMAL

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>20	0	<1	<1
Chromium ppm ASTM D5185m	>20	0	0	0
Nickel ppm ASTM D5185m	>20	0	<1	0
Titanium ppm ASTM D5185m		<1	0	0
Silver ppm ASTM D5185m		0	0	0
Aluminum ppm ASTM D5185m	>20	2	1	<1
Lead ppm ASTM D5185m	>20	0	<1	<1
Copper ppm ASTM D5185m	>20	3	2	3
Tin ppm ASTM D5185m	>20	<1	<1	<1
Vanadium ppm ASTM D5185m		0	0	0
Cadmium ppm ASTM D5185m		0	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		0	0	0
Manganese ppm ASTM D5185m		0	<1	<1
Magnesium ppm ASTM D5185m		93	99	90
Calcium ppm ASTM D5185m		2	6	4
Phosphorus ppm ASTM D5185m		6	8	10
Zinc ppm ASTM D5185m		0	4	9

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>15	6	5	5
Sodium ppm ASTM D5185m		1	1	0
Potassium ppm ASTM D5185m	>20	0	2	<1
Water % ASTM D6304	>2	0.022	0.020	0.015
ppm Water ppm ASTM D6304		220.2	201.1	153.1

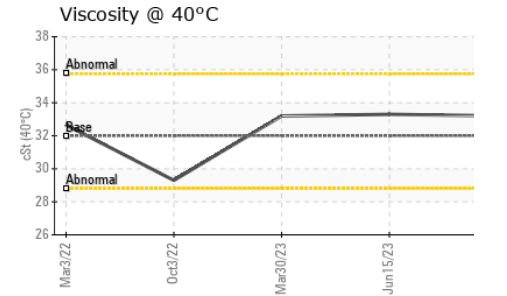
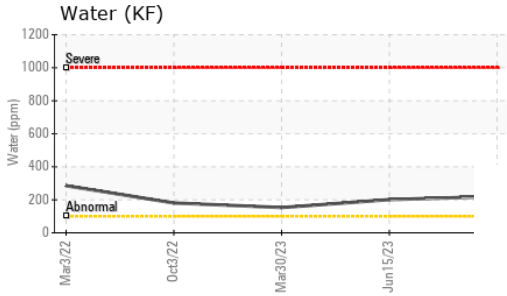
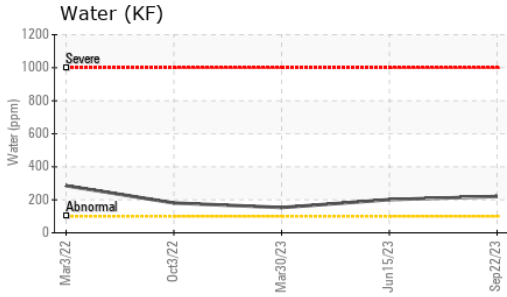
FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045		0.41	0.44	0.47

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	>2	NEG	NEG	NEG
Free Water scalar *Visual		NEG	limited	By: CHRIS BECKWITH

OIL ANALYSIS REPORT



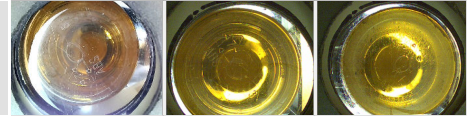
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	32	33.2	33.3	33.2

SAMPLE IMAGES		method	limit/base	current	history1	history2
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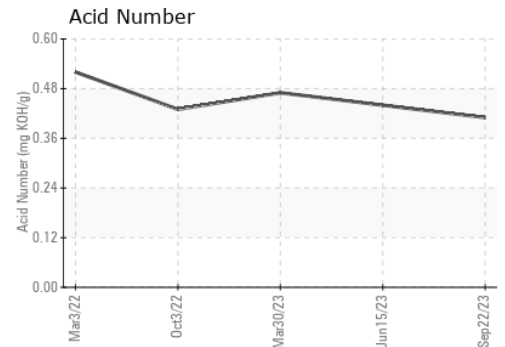
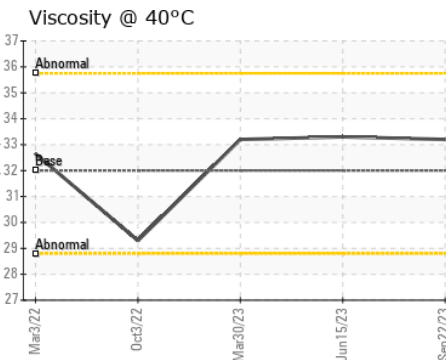
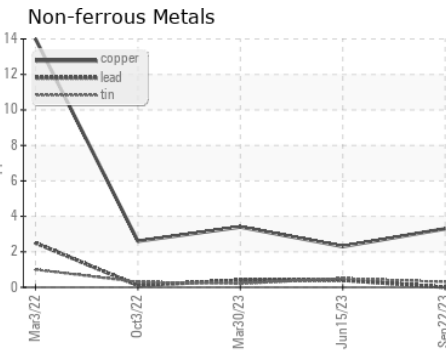
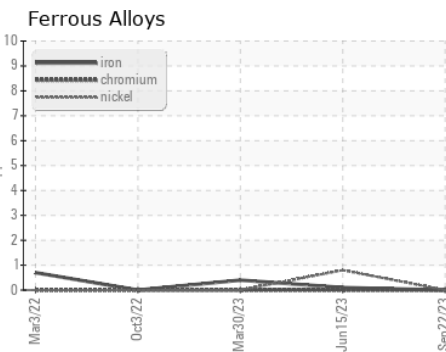
Color



Bottom



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0028953
Lab Number : **05964260**
Unique Number : 10670811
Test Package : PLANT

Received : 28 Sep 2023
Diagnosed : 01 Oct 2023
Diagnostician : Don Baldrige

ENERGY TRANSFER - FOSTORIA WEST
 22782 STATE ROUTE 12
 FOSTORIA, OH
 US 44830
 Contact: CHRIS BECKWITH
 christopher.beckwith@energytransfer.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: