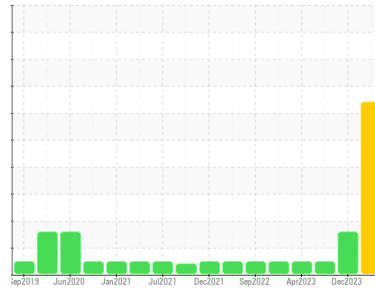


PROBLEM SUMMARY

Sample Rating Trend



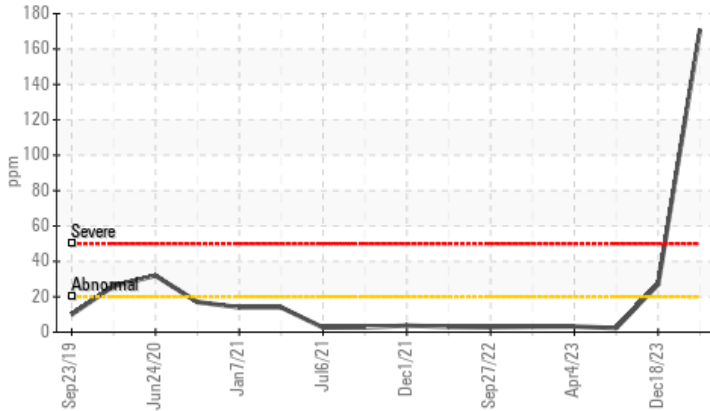
DIRT



Machine Id
FOS3_U2120 FOS3_U2120_P2120
 Component
Non-Drive End Pump
 Fluid
ROYAL PURPLE SYNFILM GT 32 (--- GAL)

COMPONENT CONDITION SUMMARY

▲ Silicon (ppm)



RECOMMENDATION

We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	ABNORMAL	NORMAL
Silicon	ppm	ASTM D5185m	>20	▲ 171	▲ 27	2
White Metal	scalar	*Visual	NONE	▲ MODER	LIGHT	NONE
Debris	scalar	*Visual	NONE	▲ MODER	LIGHT	NONE

Customer Id: ENEFOS
 Sample No.: RP0029156
 Lab Number: 06131444
 Test Package: PLANT



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS

18 Dec 2023 Diag: Don Baldrige

DIRT



No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal. The water content is negligible. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



14 Jun 2023 Diag: Jonathan Hester

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



04 Apr 2023 Diag: Angela Borella

NORMAL



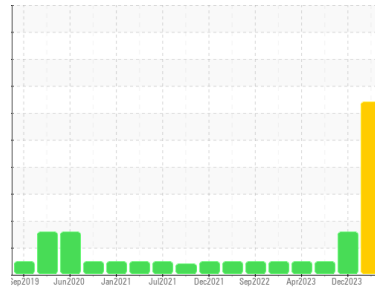
Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
FOS3_U2120 FOS3_U2120_P2120
 Component
Non-Drive End Pump
 Fluid
ROYAL PURPLE SYNFILM GT 32 (--- GAL)

DIAGNOSIS

- ▲ Recommendation**
We recommend an early resample to monitor this condition.
- ▲ Wear**
Moderate concentration of visible metal present. All component wear rates are normal.
- ▲ Contamination**
Elemental level of silicon (Si) above normal. Moderate concentration of visible dirt/debris present in the oil.
- Fluid Condition**
The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		RP0029156	RP0029168	RP0029124
Sample Date	Client Info		22 Mar 2024	18 Dec 2023	14 Jun 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			SEVERE	ABNORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >75	15	11	0
Chromium	ppm	ASTM D5185m >5	<1	0	0
Nickel	ppm	ASTM D5185m	<1	<1	<1
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m	<1	0	0
Aluminum	ppm	ASTM D5185m >5	2	<1	<1
Lead	ppm	ASTM D5185m >10	<1	<1	6
Copper	ppm	ASTM D5185m >15	2	5	<1
Tin	ppm	ASTM D5185m	1	<1	0
Vanadium	ppm	ASTM D5185m	<1	0	0
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	0
Manganese	ppm	ASTM D5185m	<1	<1	<1
Magnesium	ppm	ASTM D5185m	93	99	94
Calcium	ppm	ASTM D5185m	8	5	3
Phosphorus	ppm	ASTM D5185m	0	3	2
Zinc	ppm	ASTM D5185m	0	0	8

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	▲ 171	▲ 27	2
Sodium	ppm	ASTM D5185m	0	1	1
Potassium	ppm	ASTM D5185m >20	<1	<1	1
Water	%	ASTM D6304 >.1	0.020	0.021	0.019
ppm Water	ppm	ASTM D6304 >1000	207	216	197.2

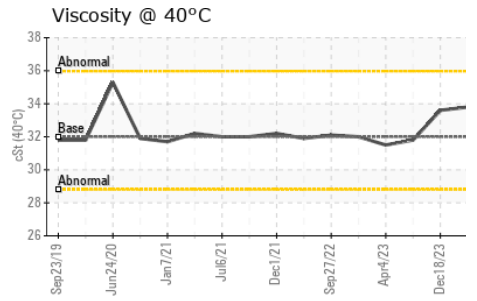
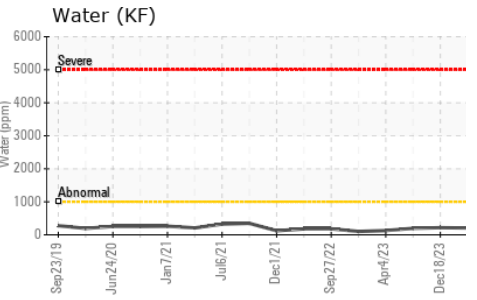
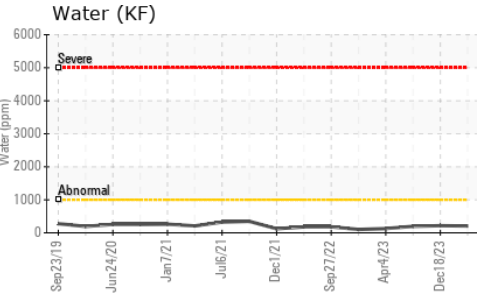
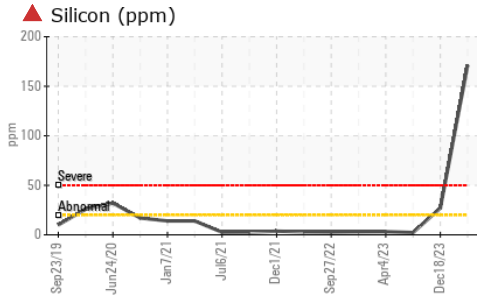
FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.40	0.39	0.41

VISUAL

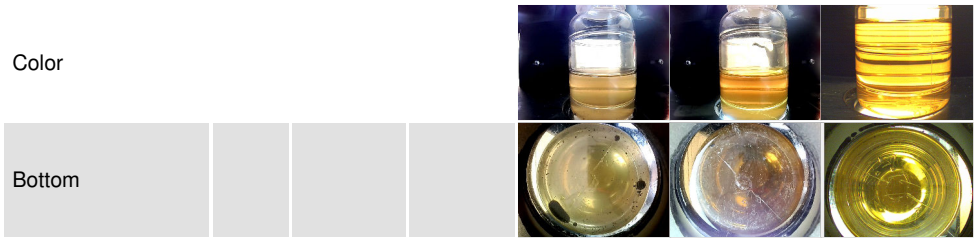
	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	▲ MODER	LIGHT	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	▲ MODER	LIGHT	NONE
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	NONE
Appearance	scalar	*Visual NORML	NORML	NORML	NORML
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >.1	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	Submitt	By: EDDNEB

OIL ANALYSIS REPORT

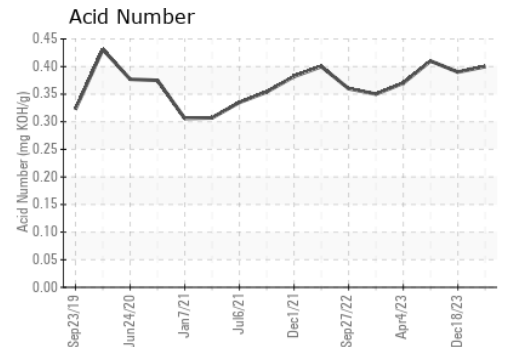
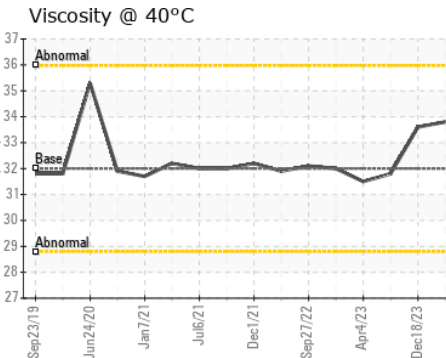
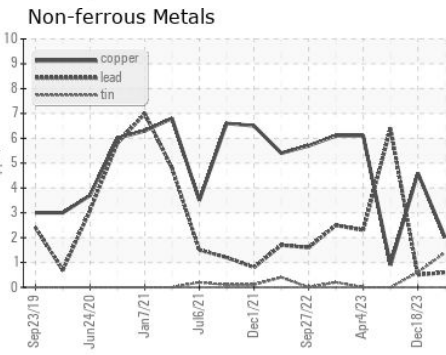
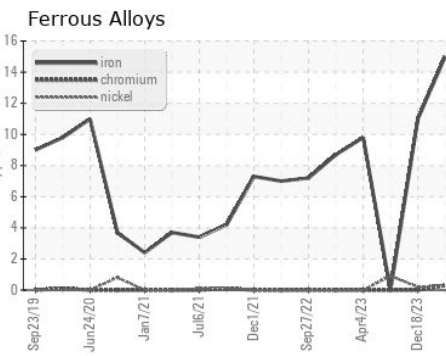


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	32	33.8	33.6	31.8

SAMPLE IMAGES		method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0029156
Lab Number : 06131444
Unique Number : 10950909
Test Package : PLANT
Received : 27 Mar 2024
Tested : 02 Apr 2024
Diagnosed : 02 Apr 2024 - Jonathan Hester

ENERGY TRANSFER - FOSTORIA EAST
 2196 BRANDEBERRY RD
 FOSTORIA, OH
 US 44830
 Contact: EDDIE RIDDLE

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: (419)467-7972

F: