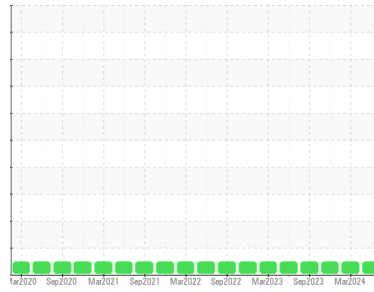




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
RICH_U2120 RICH_U2120_M2120
 Component
Non-Drive End Bearing
 Fluid
ROYAL PURPLE SYNFILM GT 32 (1 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. 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	RP0043832	RP0029107	RP0025777
Sample Date	Client Info	27 Jun 2024	19 Mar 2024	27 Dec 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	1	2	<1
Chromium	ppm ASTM D5185m >20	0	<1	0
Nickel	ppm ASTM D5185m >20	0	<1	0
Titanium	ppm ASTM D5185m	0	<1	<1
Silver	ppm ASTM D5185m	0	0	0
Aluminum	ppm ASTM D5185m >20	0	1	0
Lead	ppm ASTM D5185m >20	6	8	7
Copper	ppm ASTM D5185m >20	1	3	2
Tin	ppm ASTM D5185m >20	0	<1	<1
Vanadium	ppm ASTM D5185m	0	<1	<1
Cadmium	ppm ASTM D5185m	0	<1	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	0	0	0
Barium	ppm ASTM D5185m	0	<1	<1
Molybdenum	ppm ASTM D5185m	0	<1	0
Manganese	ppm ASTM D5185m	0	<1	<1
Magnesium	ppm ASTM D5185m	0	36	25
Calcium	ppm ASTM D5185m	0	4	0
Phosphorus	ppm ASTM D5185m	0	7	0
Zinc	ppm ASTM D5185m	0	15	10

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >15	1	2	<1
Sodium	ppm ASTM D5185m	1	0	2
Potassium	ppm ASTM D5185m >20	<1	1	0
Water	% ASTM D6304 >0.05	0.008	0.006	0.008
ppm Water	ppm ASTM D6304 >500	89	69	88

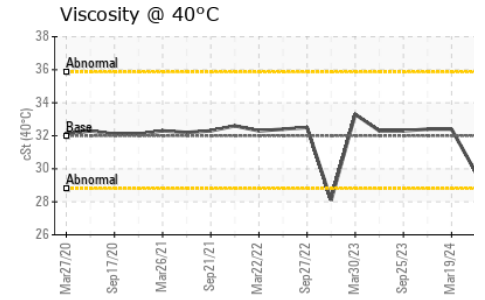
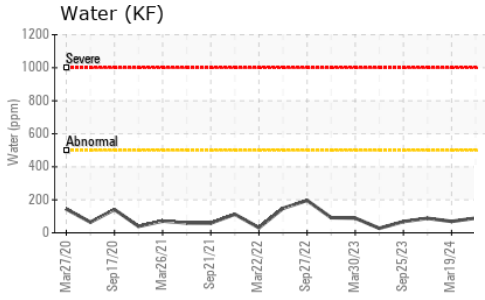
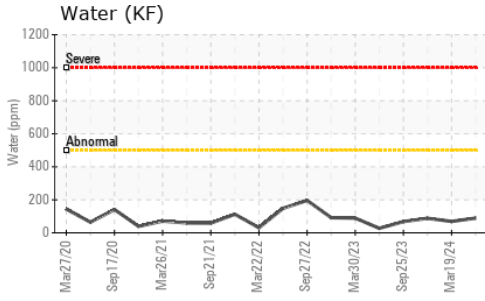
FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	0.20	0.24	0.20

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 >0.05	NEG	NEG	NEG
Free Water	scalar *Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	32	29.8	32.4	32.4

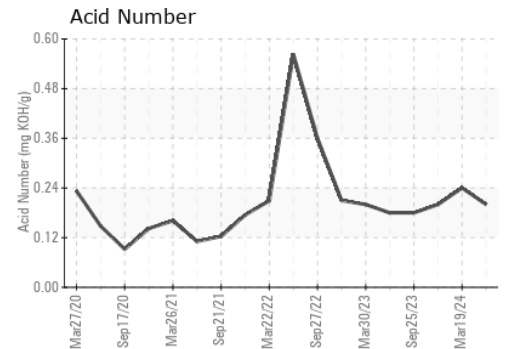
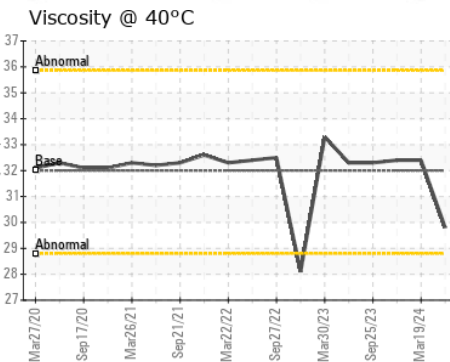
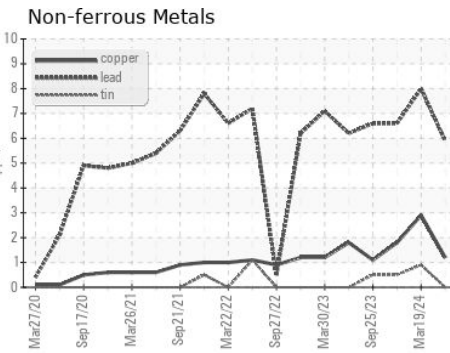
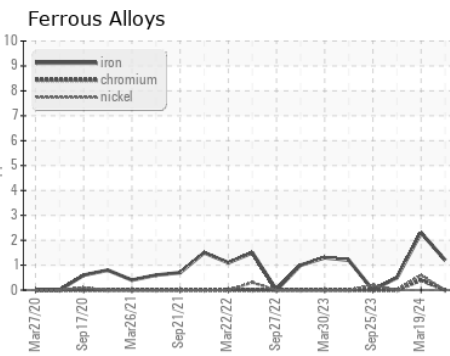
SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color



Bottom

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0043832
Lab Number : **06236125**
Unique Number : 11124959
Test Package : IND 2

Received : 15 Jul 2024
Tested : 16 Jul 2024
Diagnosed : 17 Jul 2024 - Don Baldrige

ENERGY TRANSFER - RICHMOND
 29359 32 MIKE ROAD
 RICHMOND, MI
 US 48062
 Contact: SCOTT VERHELLE

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: (313)580-0267

F: