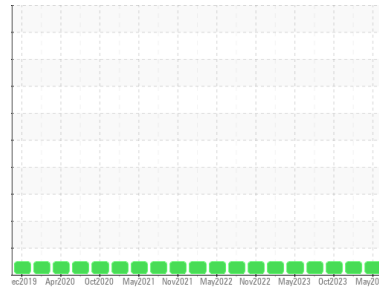




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
LIM4_U2720 LIM4_U2720_M2720
 Component
Non-Drive End Bearing
 Fluid
ROYAL PURPLE SYNFILM GT 32 (30 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	RP0029473	RP0029454	RP0029411
Sample Date	Client Info	30 May 2024	08 Jan 2024	24 Oct 2023
Machine Age	hrs	Client Info	0	0
Oil Age	hrs	Client Info	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	0
Chromium	ppm	ASTM D5185m	>20	0	0
Nickel	ppm	ASTM D5185m	>20	0	0
Titanium	ppm	ASTM D5185m		0	0
Silver	ppm	ASTM D5185m		0	0
Aluminum	ppm	ASTM D5185m	>20	0	<1
Lead	ppm	ASTM D5185m	>20	0	0
Copper	ppm	ASTM D5185m	>20	<1	<1
Tin	ppm	ASTM D5185m	>20	<1	<1
Vanadium	ppm	ASTM D5185m		0	0
Cadmium	ppm	ASTM D5185m		0	0

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m		0	0
Barium	ppm	ASTM D5185m		0	0
Molybdenum	ppm	ASTM D5185m		0	0
Manganese	ppm	ASTM D5185m		<1	0
Magnesium	ppm	ASTM D5185m		62	68
Calcium	ppm	ASTM D5185m		0	0
Phosphorus	ppm	ASTM D5185m		0	10
Zinc	ppm	ASTM D5185m		0	0

CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>15	2	2
Sodium	ppm	ASTM D5185m		2	0
Potassium	ppm	ASTM D5185m	>20	<1	0
Water	%	ASTM D6304	>0.05	0.016	0.013
ppm Water	ppm	ASTM D6304	>500	162	130

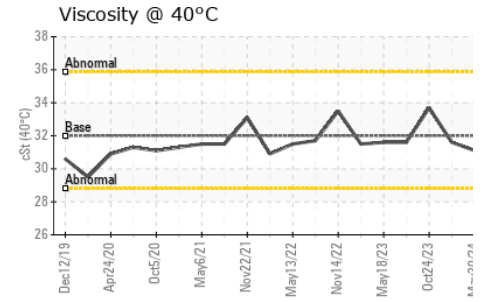
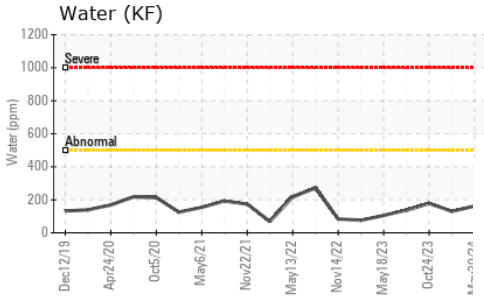
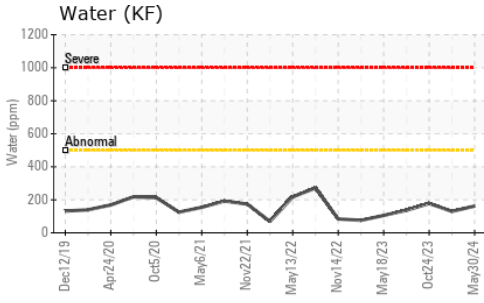
FLUID DEGRADATION

method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D8045		0.37	0.36

VISUAL

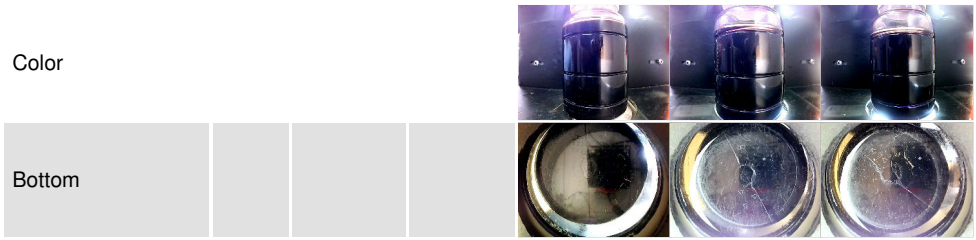
method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

OIL ANALYSIS REPORT

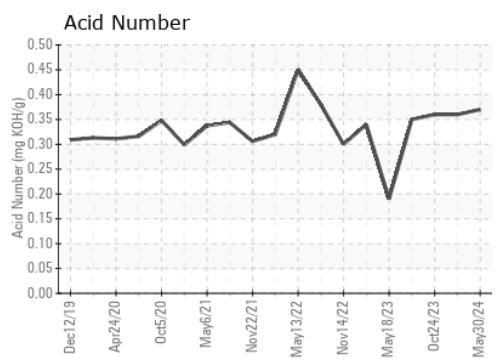
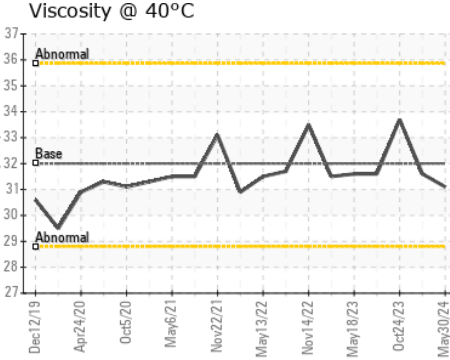
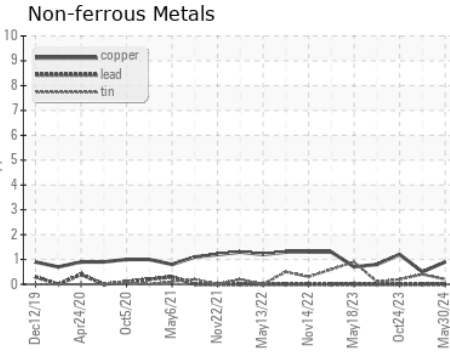
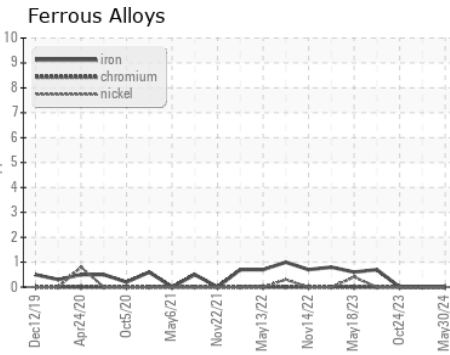


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	32	31.1	31.6	33.7

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. : RP0029473
Lab Number : 06199333
Unique Number : 11061456
Test Package : PLANT
Received : 04 Jun 2024
Tested : 06 Jun 2024
Diagnosed : 06 Jun 2024 - Don Baldrige

ENERGY TRANSFER - LIMA
 1520 BUCKEYE RD
 LIMA, OH
 US 45804

Contact: ANDREW WYDERKA
 andrew.wyderka@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: (419)618-1505

F: