



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area  
**Store 8 - Pikeville [146422]**  
 Machine Id  
**PRINOTH T14R 935310213**  
 Component  
**Hydrostatic**  
 Fluid  
**ATF (37 GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LEC0042689</b>	LEC0025736	LEC0025209
Sample Date		Client Info		<b>08 Jan 2024</b>	02 May 2022	27 Sep 2021
Machine Age	hrs	Client Info		<b>1800</b>	1351	959
Oil Age	hrs	Client Info		<b>449</b>	1351	959
Filter Age	hrs	Client Info		<b>449</b>	392	0
Oil Changed		Client Info		<b>Not Chngd</b>	Changed	Not Chngd
Filter Changed		Client Info		<b>Not Chngd</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

## WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
Iron	ppm	ASTM D5185m	>200	<b>7</b>	23	31
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185m		<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	<1	<1
Aluminum	ppm	ASTM D5185m	>50	<b>2</b>	<1	3
Lead	ppm	ASTM D5185m	>50	<b>1</b>	4	5
Copper	ppm	ASTM D5185m	>200	<b>2</b>	8	10
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

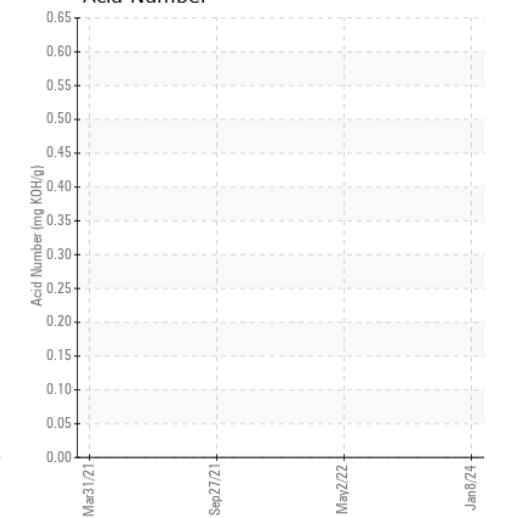
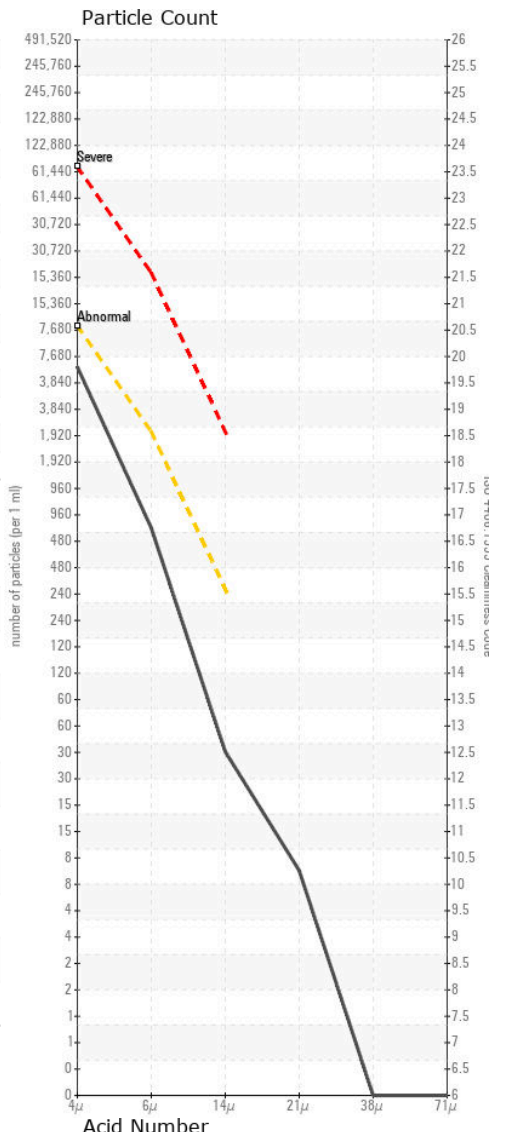
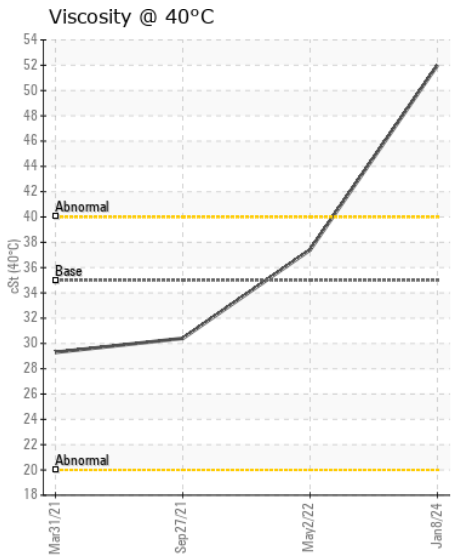
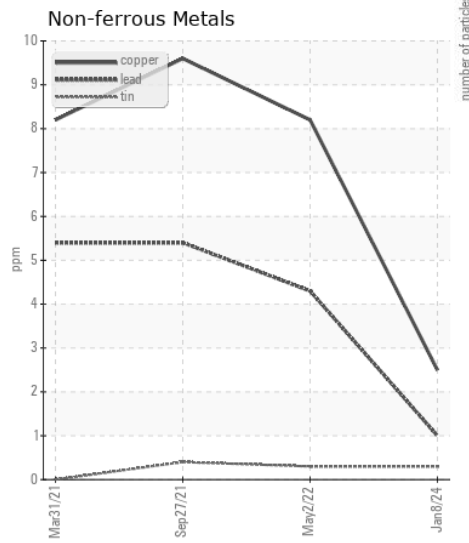
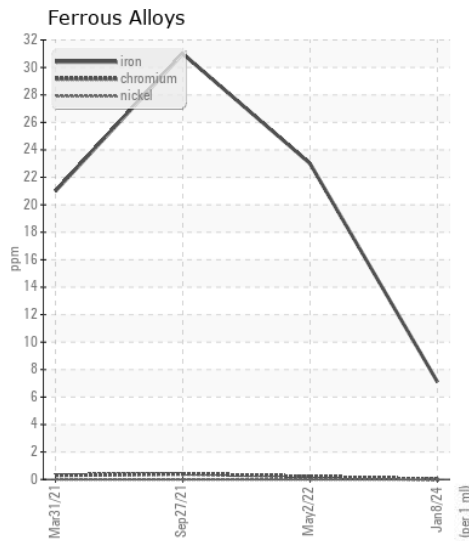
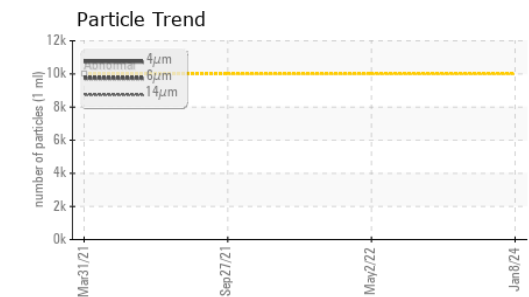
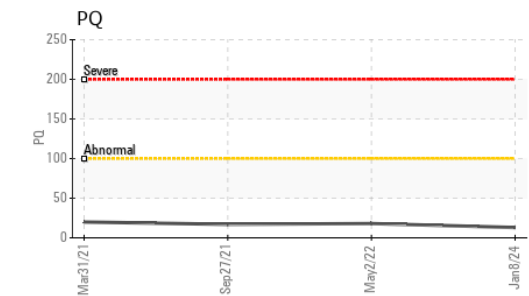
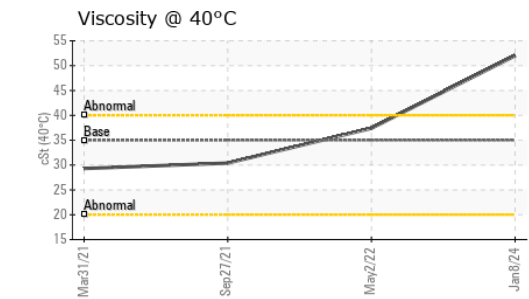
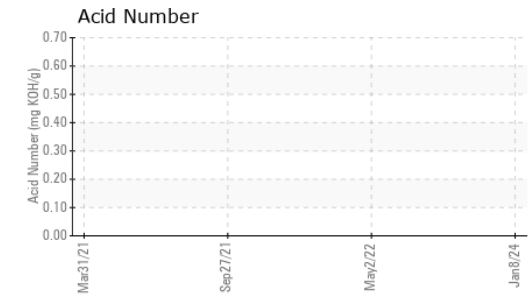
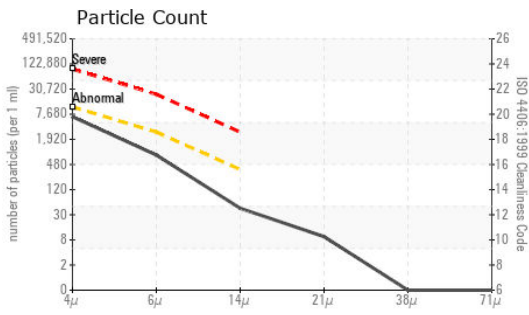
There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Silicon	ppm	ASTM D5185m	>50	<b>&lt;1</b>	1	1
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	0	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Particles >4µm		ASTM D7647	>10000	<b>5836</b>	---	---
Particles >6µm		ASTM D7647	>2500	<b>709</b>	---	---
Particles >14µm		ASTM D7647	>320	<b>38</b>	---	---
Particles >21µm		ASTM D7647	>80	<b>8</b>	---	---
Particles >38µm		ASTM D7647	>20	<b>0</b>	---	---
Particles >71µm		ASTM D7647	>4	<b>0</b>	---	---
Oil Cleanliness		ISO 4406 (c)	>20/18/15	<b>20/17/12</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	▲ MODER	LIGHT
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>0</b>	1	0
Boron	ppm	ASTM D5185m		<b>0</b>	<1	2
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>13</b>	61	95
Calcium	ppm	ASTM D5185m		<b>168</b>	43	103
Phosphorus	ppm	ASTM D5185m		<b>624</b>	423	396
Zinc	ppm	ASTM D5185m		<b>720</b>	455	408
Sulfur	ppm	ASTM D5185m		<b>1692</b>	1199	1318
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.63</b>	---	---
Visc @ 40°C	cSt	ASTM D445	35.0	<b>52.0</b>	37.4	30.4



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0042689 **Received** : 11 Jan 2024  
**Lab Number** : 06057981 **Diagnosed** : 12 Jan 2024  
**Unique Number** : 10829363 **Diagnostician** : Doug Bogart  
**Test Package** : CONST ( Additional Tests: PQ, PrtCount )

**LESLIE EQUIPMENT COMPANY**  
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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)