



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

Area  
**PALEXTRA 44**  
Machine Id  
**INGERSOLL RAND PY3478U-10327 - LAKE COUNTY IH**  
Component  
**Compressor**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>UCS06156147</b>	UCS05471448	---
Sample Date		Client Info		<b>15 Apr 2024</b>	08 Feb 2022	---
Machine Age	hrs	Client Info		<b>17256</b>	12250	---
Oil Age	hrs	Client Info		<b>5000</b>	6000	---
Filter Age	hrs	Client Info		<b>3000</b>	6000	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	<b>&lt;1</b>	0	---
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	---
Nickel	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	0	---
Lead	ppm	ASTM D5185m	>25	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>50	<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

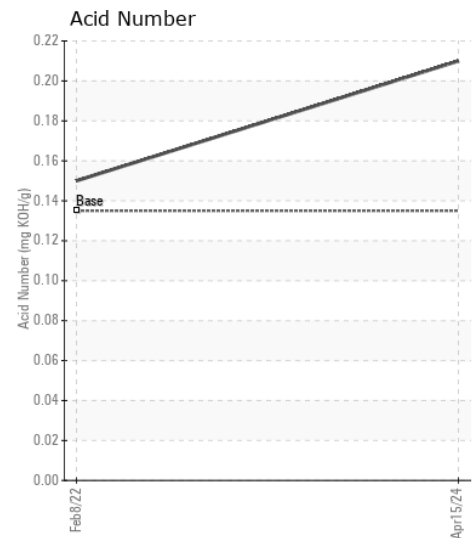
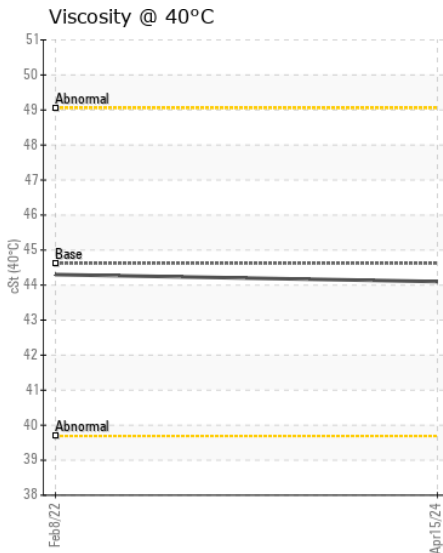
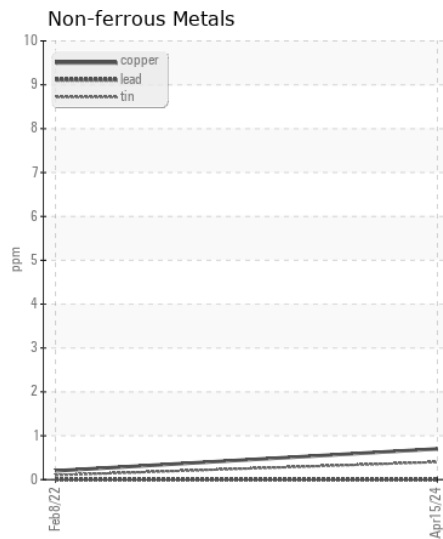
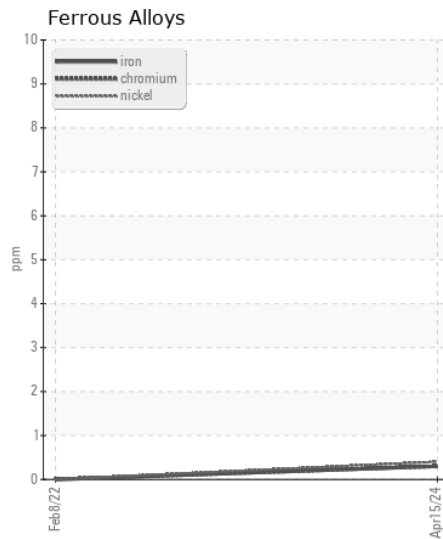
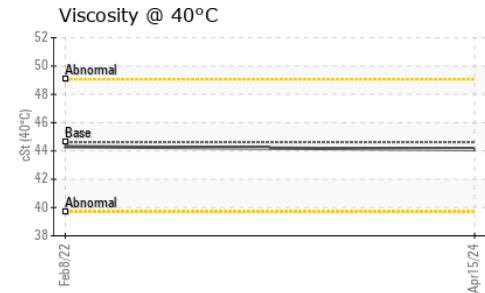
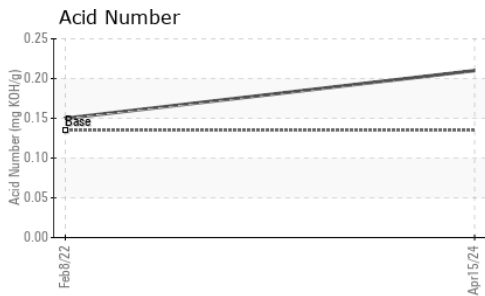
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	<b>3</b>	4	---
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	0	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Boron	ppm	ASTM D5185m	0	<b>0</b>	<1	---
Barium	ppm	ASTM D5185m	0.3	<b>&lt;1</b>	0	---
Molybdenum	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	---
Manganese	ppm	ASTM D5185m	0.3	<b>0</b>	0	---
Magnesium	ppm	ASTM D5185m	0.4	<b>&lt;1</b>	0	---
Calcium	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	---
Phosphorus	ppm	ASTM D5185m	689	<b>568</b>	354	---
Zinc	ppm	ASTM D5185m	0	<b>5</b>	<1	---
Sulfur	ppm	ASTM D5185m	1237	<b>274</b>	163	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.135	<b>0.21</b>	0.15	---
Visc @ 40°C	cSt	ASTM D445	44.62	<b>44.1</b>	44.3	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : UCS06156147

**Lab Number** : 06156147

**Unique Number** : 10991570

**Test Package** : IND 2

**Received** : 22 Apr 2024

**Tested** : 23 Apr 2024

**Diagnosed** : 24 Apr 2024 - Sean Felton

**LIFT PRO EQUIPMENT CO**

SIoux FALLS, SD  
US 57104

Contact: REUBEN  
tim@liftproequipment.com

T: (605)339-6494

F:

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)