



Area  
**S9000**  
Machine Id

**INGERSOLL RAND PX7134U06161 - FRESHA**

Component  
**Compressor**

### RECOMMENDATION

We advise that you check for a possible overheat condition. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

### WEAR

The copper level is abnormal. All other component wear rates are normal.

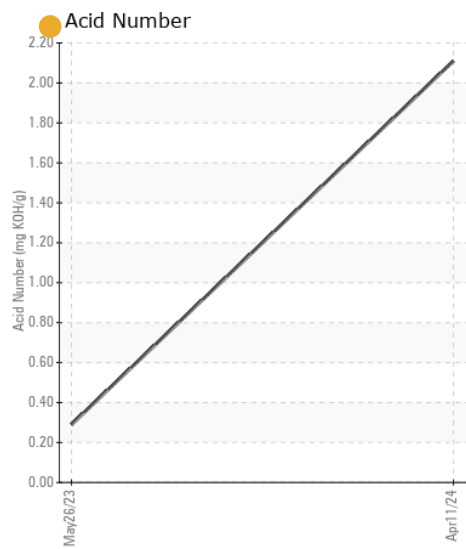
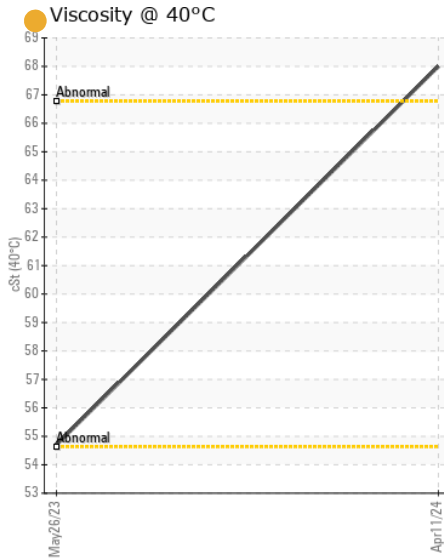
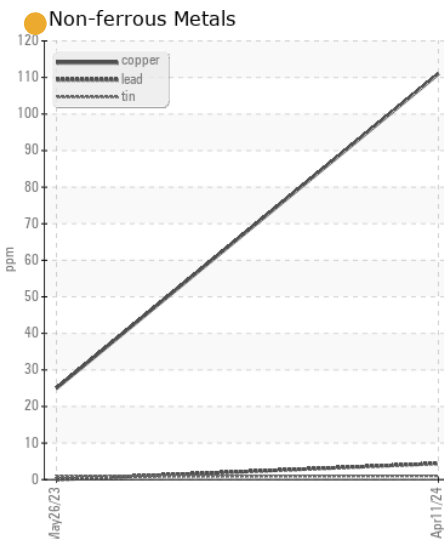
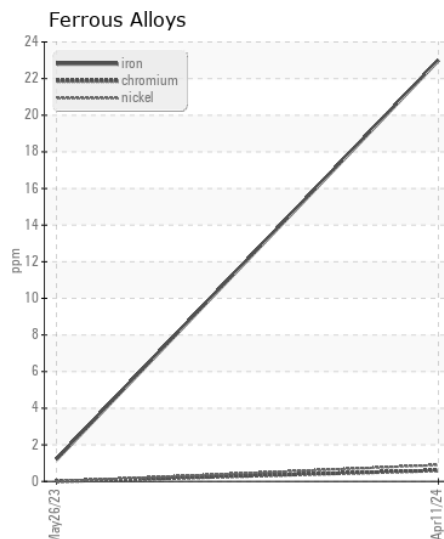
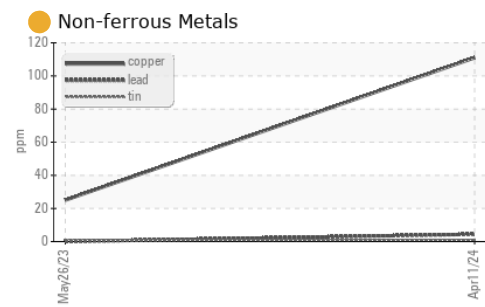
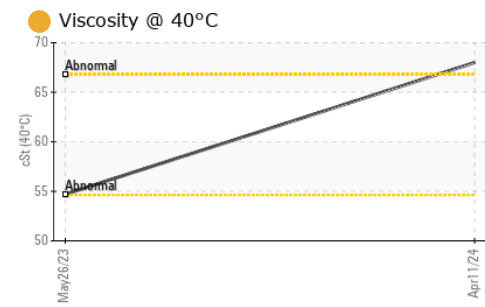
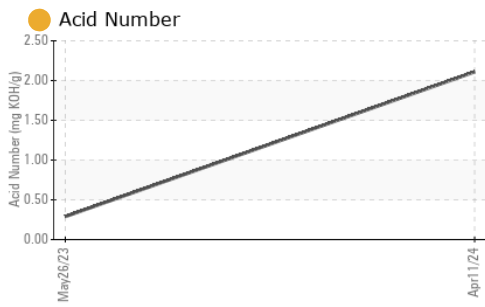
### CONTAMINATION

There is no indication of any contamination in the oil.

### FLUID CONDITION

The AN level is above the recommended limit. The oil viscosity is higher than normal.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06159245	UCS05864426	---
Sample Date		Client Info		11 Apr 2024	26 May 2023	---
Machine Age	hrs	Client Info		93522	87071	---
Oil Age	hrs	Client Info		6000	462	---
Filter Age	hrs	Client Info		6000	462	---
Oil Changed		Client Info		Changed	Not Changed	---
Filter Changed		Client Info		Not Changed	Not Changed	---
Sample Status				ATTENTION	NORMAL	---
Iron	ppm	ASTM D5185m	>50	23	1	---
Chromium	ppm	ASTM D5185m	>10	<1	0	---
Nickel	ppm	ASTM D5185m		<1	0	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	2	0	---
Lead	ppm	ASTM D5185m	>25	4	0	---
Copper	ppm	ASTM D5185m	>50	111	25	---
Tin	ppm	ASTM D5185m	>15	1	<1	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>25	2	<1	---
Potassium	ppm	ASTM D5185m	>20	7	2	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---
Sodium	ppm	ASTM D5185m		49	32	---
Boron	ppm	ASTM D5185m		0	0	---
Barium	ppm	ASTM D5185m		289	607	---
Molybdenum	ppm	ASTM D5185m		<1	0	---
Manganese	ppm	ASTM D5185m		1	<1	---
Magnesium	ppm	ASTM D5185m		7	3	---
Calcium	ppm	ASTM D5185m		10	5	---
Phosphorus	ppm	ASTM D5185m		20	29	---
Zinc	ppm	ASTM D5185m		311	21	---
Sulfur	ppm	ASTM D5185m		770	1086	---
Acid Number (AN)	mg KOH/g	ASTM D8045		2.11	0.29	---
Visc @ 40°C	cSt	ASTM D445		68.0	54.7	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCS06159245      **Received** : 24 Apr 2024  
**Lab Number** : 06159245      **Tested** : 25 Apr 2024  
**Unique Number** : 10994668      **Diagnosed** : 26 Apr 2024 - Jonathan Hester  
**Test Package** : IND 2

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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)