



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

Area  
**PAL XTRA 44**  
Machine Id  
**SULLIVAN PALATEK 1410240002 - JAC PRODUCTS**  
Component  
**Compressor**

### RECOMMENDATION

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>UCS06218365</b>	UCS05934924	UCS05605315
Sample Date		Client Info		<b>29 Oct 2023</b>	20 Aug 2023	09 May 2022
Machine Age	hrs	Client Info		<b>53136</b>	51499	43338
Oil Age	hrs	Client Info		<b>1800</b>	5000	2000
Filter Age	hrs	Client Info		<b>1800</b>	5000	2000
Oil Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Filter Changed		Client Info		<b>Changed</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

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

### CONTAMINATION

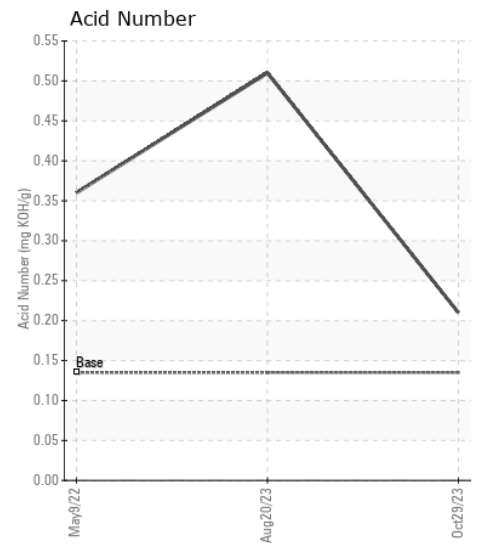
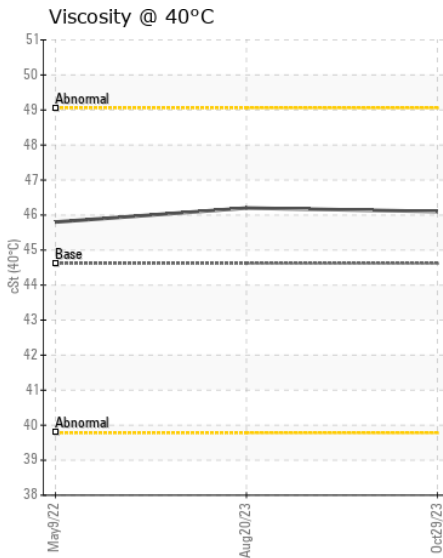
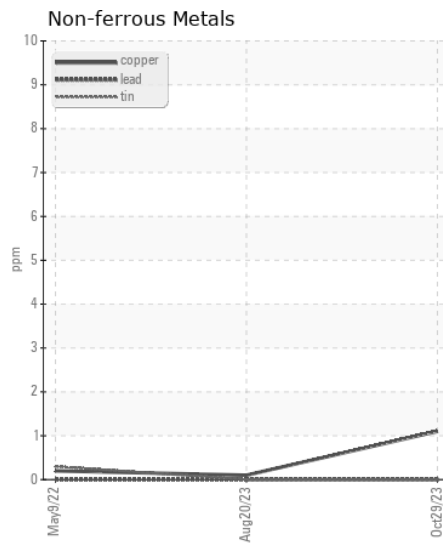
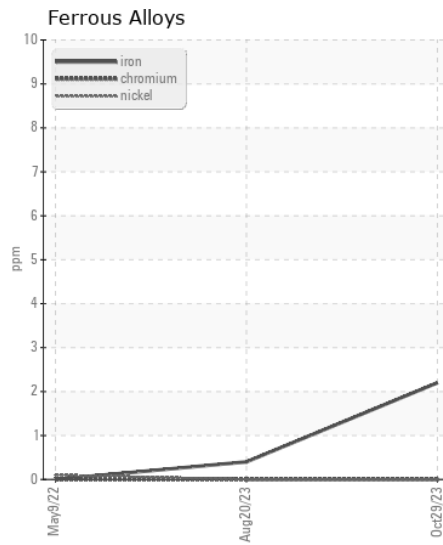
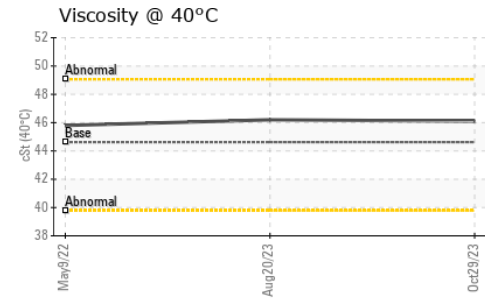
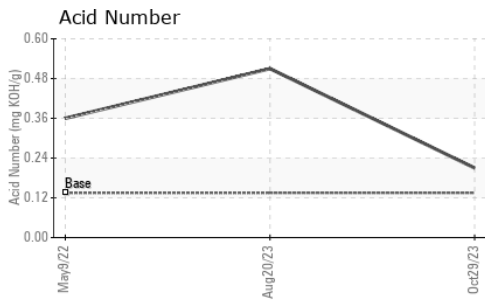
There is a moderate amount of visible silt present in the sample.

Silicon	ppm	ASTM D5185m	>25	<b>4</b>	2	15
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	1	0
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>MODER</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>LIGHT</b>	MODER	NONE
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

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

Sodium	ppm	ASTM D5185m		<b>1</b>	0	0
Boron	ppm	ASTM D5185m	0	<b>0</b>	0	<1
Barium	ppm	ASTM D5185m	0.3	<b>0</b>	2	0
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m	0.3	<b>0</b>	0	0
Magnesium	ppm	ASTM D5185m	0.4	<b>0</b>	0	0
Calcium	ppm	ASTM D5185m	0	<b>1</b>	0	0
Phosphorus	ppm	ASTM D5185m	689	<b>413</b>	145	310
Zinc	ppm	ASTM D5185m	0	<b>1</b>	0	0
Sulfur	ppm	ASTM D5185m	1237	<b>757</b>	288	380
Acid Number (AN)	mg KOH/g	ASTM D8045	0.135	<b>0.21</b>	0.51	0.36
Visc @ 40°C	cSt	ASTM D445	44.62	<b>46.1</b>	46.2	45.8



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCS06218365 **Received** : 24 Jun 2024  
**Lab Number** : 06218365 **Tested** : 25 Jun 2024  
**Unique Number** : 11096562 **Diagnosed** : 26 Jun 2024 - Don Baldrige  
**Test Package** : IND 2

**CH REED INC - CLEVELAND**

STRONGSVILLE, OH  
 US 44149  
 Contact: BOB ZUK  
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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)

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F: