



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

Area

**P-45**

Machine Id

**PALATEK 1804260010 - GOLDEN WEST 2**

Component

**Compressor**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>UCS06153232</b>	UCS05769628	---
Sample Date		Client Info		<b>13 Mar 2024</b>	07 Feb 2023	---
Machine Age	hrs	Client Info		<b>8162</b>	6283	---
Oil Age	hrs	Client Info		<b>4022</b>	2143	---
Filter Age	hrs	Client Info		<b>821</b>	1186	---
Oil Changed		Client Info		<b>Changed</b>	Not 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>0</b>	0	---
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m		<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>0</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>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

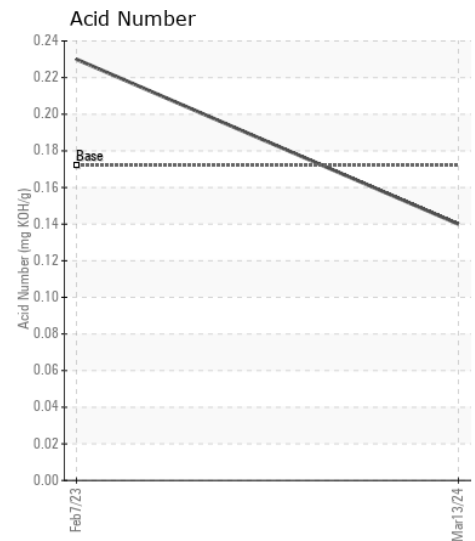
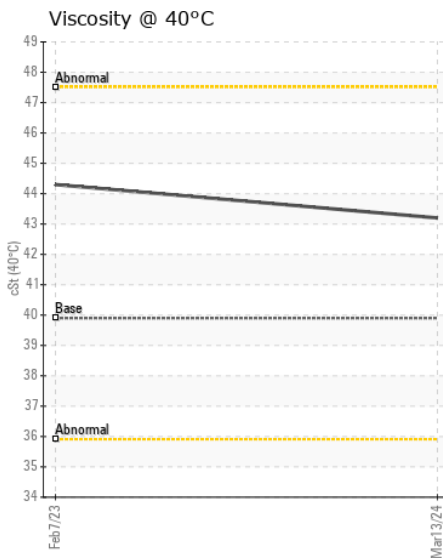
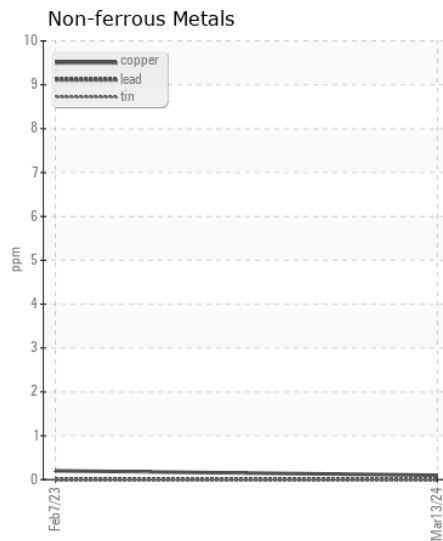
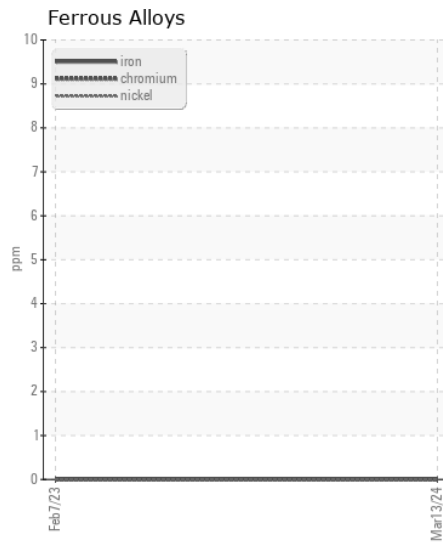
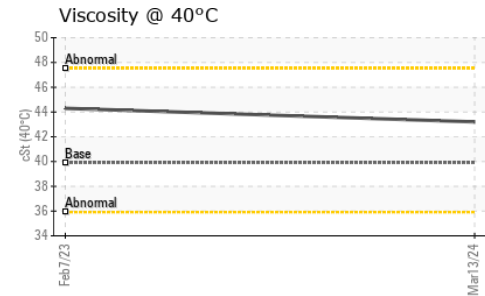
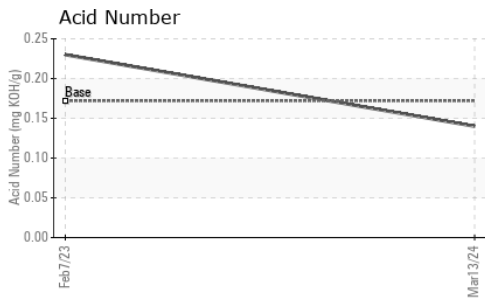
High concentration of visible dirt/debris present in the oil.

Silicon	ppm	ASTM D5185m	>25	<b>0</b>	<1	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	<1	---
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	0.0	<b>0</b>	0	---
Barium	ppm	ASTM D5185m	0.0	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	0	---
Manganese	ppm	ASTM D5185m	0	<b>0</b>	0	---
Magnesium	ppm	ASTM D5185m	0.0	<b>0</b>	0	---
Calcium	ppm	ASTM D5185m	0.0	<b>0</b>	0	---
Phosphorus	ppm	ASTM D5185m	966	<b>498</b>	507	---
Zinc	ppm	ASTM D5185m	0	<b>0</b>	0	---
Sulfur	ppm	ASTM D5185m	1309	<b>550</b>	743	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.172	<b>0.14</b>	0.23	---
Visc @ 40°C	cSt	ASTM D445	39.9	<b>43.2</b>	44.3	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCS06153232      **Received** : 18 Apr 2024  
**Lab Number** : 06153232      **Tested** : 19 Apr 2024  
**Unique Number** : 10983310      **Diagnosed** : 22 Apr 2024 - Sean Felton  
**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)