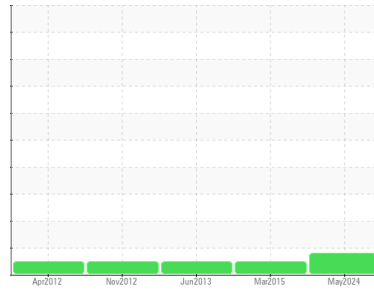




# OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area

5-80 XP

Machine Id

PALATEK 11J040 - AMERICAN INDUSTRIES INC

Component

Compressor

## DIAGNOSIS

### Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

### Wear

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

### Fluid Condition

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			UCH06180275	UCH03716837	UCH03310716
Sample Date	Client Info			14 May 2024	24 Mar 2015	12 Jun 2013
Machine Age	hrs	Client Info		42675	11840	5808
Oil Age	hrs	Client Info		0	3500	1840
Oil Changed	Client Info			N/A	Not Changd	N/A
Sample Status				ATTENTION	NORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.1	NEG	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	4	2	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	<1	<1
Lead	ppm	ASTM D5185m	>25	<1	<1	<1
Copper	ppm	ASTM D5185m	>50	60	2	<1
Tin	ppm	ASTM D5185m	>15	1	0	0
Antimony	ppm	ASTM D5185m		---	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0

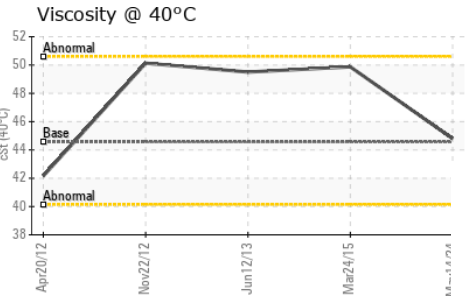
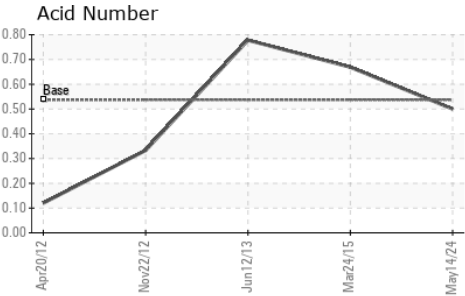
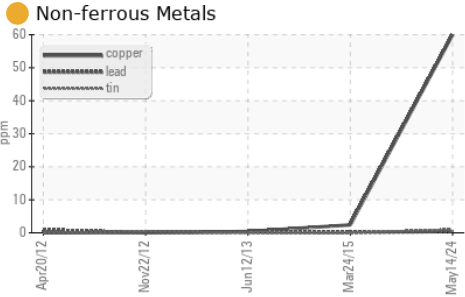
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0.1	0	<1	<1
Barium	ppm	ASTM D5185m	0.8	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	<1	0
Manganese	ppm	ASTM D5185m	0.9	<1	<1	<1
Magnesium	ppm	ASTM D5185m	0	0	0	0
Calcium	ppm	ASTM D5185m	0	<1	0	0
Phosphorus	ppm	ASTM D5185m	409	277	254	226
Zinc	ppm	ASTM D5185m	0	80	58	18
Sulfur	ppm	ASTM D5185m	1290	1200	1006	1135

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	7	0	0
Sodium	ppm	ASTM D5185m		1	9	2
Potassium	ppm	ASTM D5185m	>20	<1	3	0

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.537	0.50	0.669	0.778



# OIL ANALYSIS REPORT



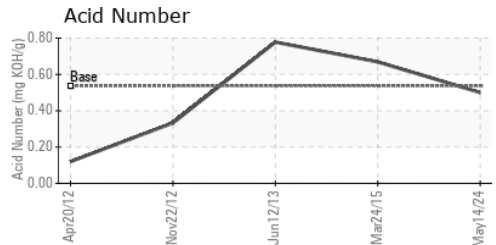
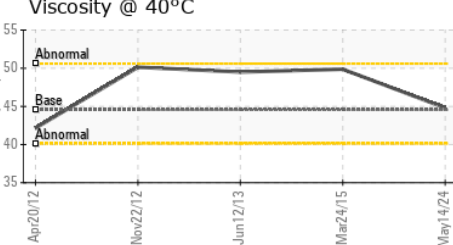
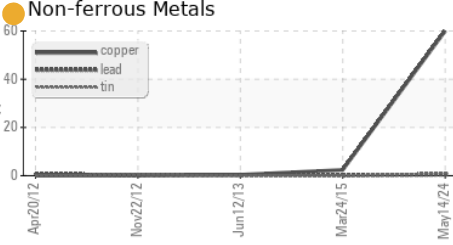
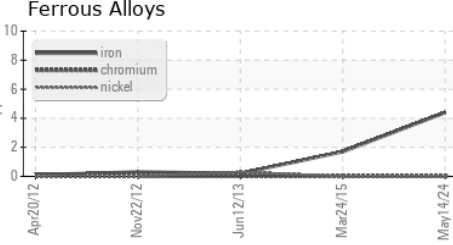
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	44.56	44.8	49.87

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image
Bottom				no image	no image

### GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCH06180275      **Received** : 15 May 2024  
**Lab Number** : 06180275      **Tested** : 16 May 2024  
**Unique Number** : 11031601      **Diagnosed** : 17 May 2024 - Don Baldrige  
**Test Package** : IND 2

**CAL SUPPLY COMPANY**  
 259 MACKLIN ST  
 CRANSTON, RI  
 US 02920  
 Contact: SUE PARRILLO  
 sparrillo@calsupplycompany.com  
 T: (401)946-1300  
 F: (401)946-0055

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)