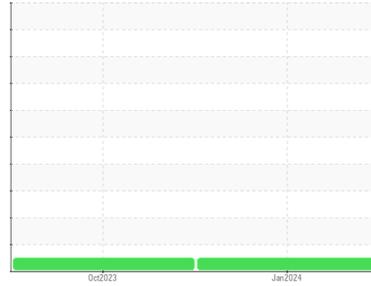


Area  
**PALLUBE 32**

Machine Id  
**SULLIVAN PALATEK 1510150005 - ERWIN KIETH**

Component  
**Compressor**



**DIAGNOSIS**

**Recommendation**

Resample at the next service interval to monitor.

**Wear**

All component wear rates are normal.

**Contamination**

There is no indication of any contamination in the oil.

**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	<b>UCS06059392</b>	UCS06009746	---
Sample Date	Client Info	<b>10 Jan 2024</b>	25 Oct 2023	---
Machine Age	hrs	Client Info	<b>16478</b>	16181
Oil Age	hrs	Client Info	<b>297</b>	0
Oil Changed	Client Info	<b>Not Changed</b>	Changed	---
Sample Status			<b>NORMAL</b>	NORMAL

**CONTAMINATION** method limit/base current history1 history2

Water	WC Method	>0.1	<b>NEG</b>	NEG	---
-------	-----------	------	------------	-----	-----

**WEAR METALS** method limit/base current history1 history2

Iron	ppm	ASTM D5185m	>50	<b>0</b>	0	---
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m		<b>2</b>	0	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	---
Lead	ppm	ASTM D5185m	>25	<b>&lt;1</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>	<1	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	---

**ADDITIVES** method limit/base current history1 history2

Boron	ppm	ASTM D5185m	1	<b>0</b>	0	---
Barium	ppm	ASTM D5185m	730	<b>372</b>	498	---
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	0	---
Manganese	ppm	ASTM D5185m	0.0	<b>&lt;1</b>	0	---
Magnesium	ppm	ASTM D5185m	0	<b>2</b>	0	---
Calcium	ppm	ASTM D5185m	0	<b>2</b>	2	---
Phosphorus	ppm	ASTM D5185m	0	<b>26</b>	25	---
Zinc	ppm	ASTM D5185m	0	<b>0</b>	<1	---
Sulfur	ppm	ASTM D5185m	590	<b>610</b>	648	---

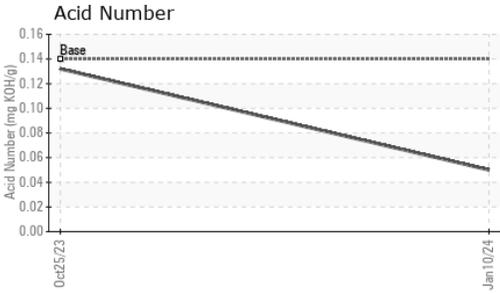
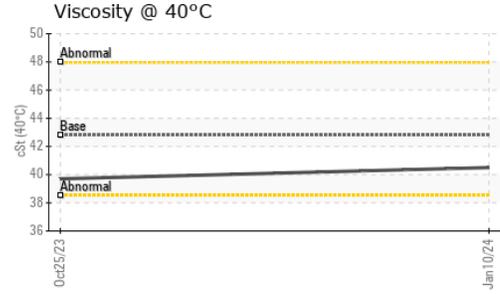
**CONTAMINANTS** method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	>25	<b>0</b>	<1	---
Sodium	ppm	ASTM D5185m		<b>35</b>	12	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	1	---

**FLUID DEGRADATION** method limit/base current history1 history2

Acid Number (AN)	mg KOH/g	ASTM D8045	0.14	<b>0.05</b>	0.132	---
------------------	----------	------------	------	-------------	-------	-----

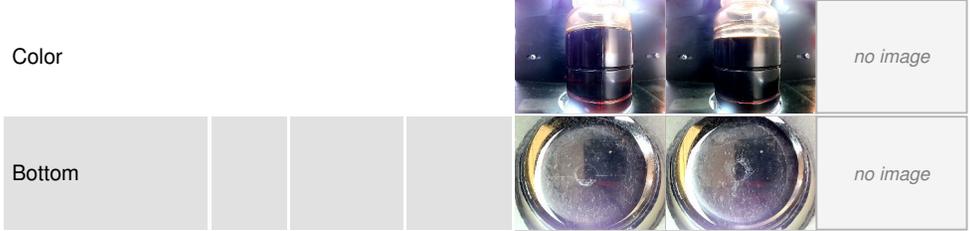
# OIL ANALYSIS REPORT



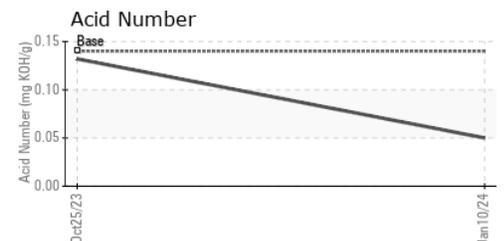
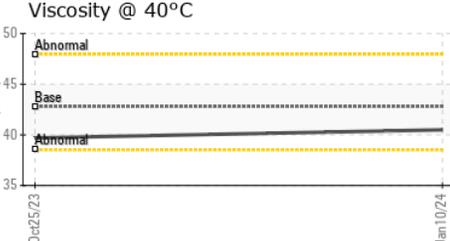
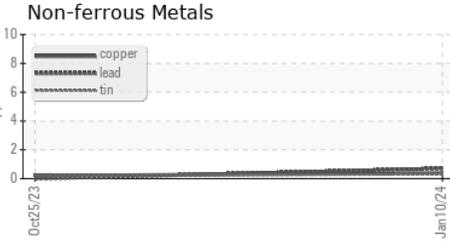
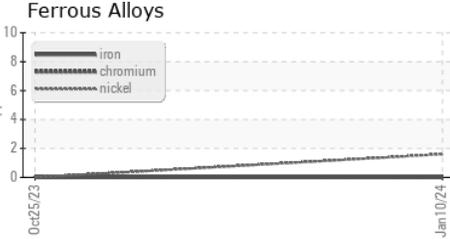
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	42.8	<b>40.5</b>	39.7	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------



### GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCS06059392 **Recieved** : 12 Jan 2024  
**Lab Number** : 06059392 **Diagnosed** : 15 Jan 2024  
**Unique Number** : 10830774 **Diagnostician** : Don Baldrige  
**Test Package** : IND 2

**BLAKE AND PENDLETON**

MEMPHIS, TN  
 US 38133  
 Contact: JAY GIANNINI  
 JGIANNINI@BLAKEANDPENDLETON.COM

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)

T:  
F: