



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	SEVERE

Area  
**FG32**  
Machine Id

### SULLIVAN PALATEK 19LE000689 - COMP 1 - TAYLOR FARMS SCHILLINGS

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

All component wear rates are normal.

#### CONTAMINATION

There is no indication of any contamination in the oil.

#### FLUID CONDITION

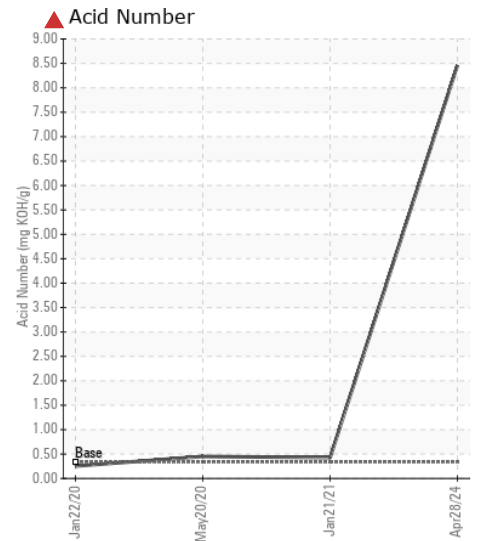
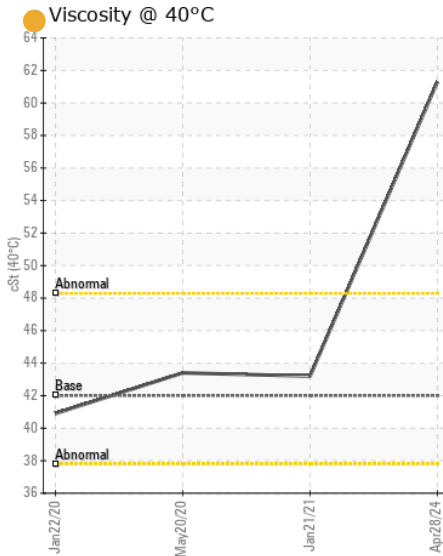
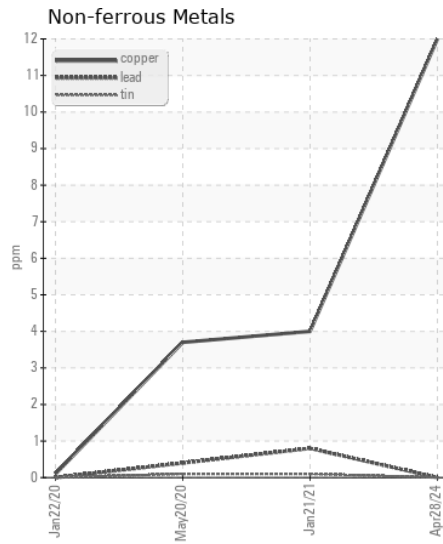
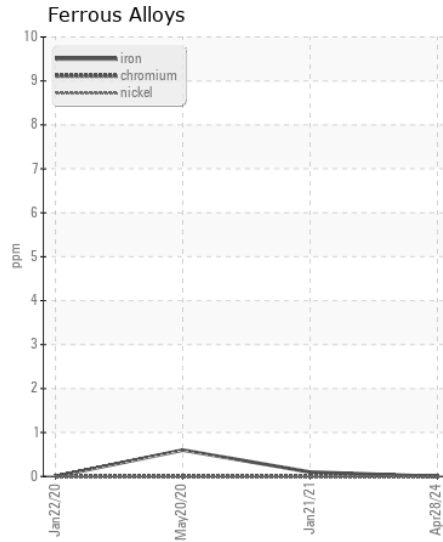
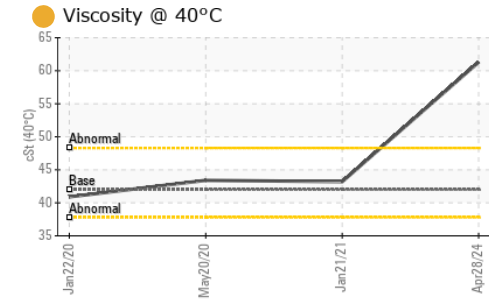
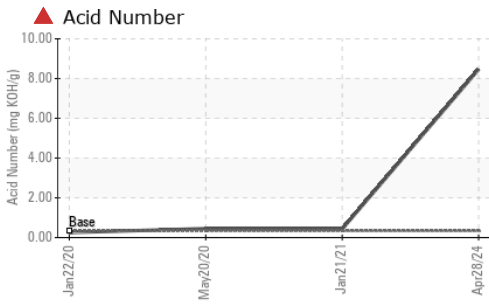
The AN level is above the recommended limit. The oil viscosity is higher than normal. TAN level indicates possible presence of varnish. The oil is no longer serviceable.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06211815	UCS05194204	UCS05194231
Sample Date		Client Info		28 Apr 2024	21 Jan 2021	20 May 2020
Machine Age	hrs	Client Info		30571	10307	4409
Oil Age	hrs	Client Info		0	1000	0
Filter Age	hrs	Client Info		0	1000	1000
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				SEVERE	NORMAL	NORMAL

Iron	ppm	ASTM D5185m	>50	0	<1	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>25	0	0	0
Lead	ppm	ASTM D5185m	>25	0	<1	<1
Copper	ppm	ASTM D5185m	>50	12	4	4
Tin	ppm	ASTM D5185m	>15	0	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>25	<1	0	0
Potassium	ppm	ASTM D5185m	>20	<1	0	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		6	<1	3
Boron	ppm	ASTM D5185m	1	0	0	0
Barium	ppm	ASTM D5185m	0.3	2	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	0	0	0	<1
Calcium	ppm	ASTM D5185m	0.5	<1	0	0
Phosphorus	ppm	ASTM D5185m	536	101	404	384
Zinc	ppm	ASTM D5185m	0.2	6	1	13
Sulfur	ppm	ASTM D5185m	649	162	378	347
Acid Number (AN)	mg KOH/g	ASTM D8045	0.337	▲ 8.46	0.427	0.451
Visc @ 40°C	cSt	ASTM D445	42.0	● 61.3	43.2	43.4



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCS06211815  
**Lab Number** : 06211815  
**Unique Number** : 11084679  
**Test Package** : IND 2

**Received** : 17 Jun 2024  
**Tested** : 18 Jun 2024  
**Diagnosed** : 19 Jun 2024 - Don Baldrige

**COMPLETE ENGINEERED SOLUTIONS - CES**  
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 christo@complete-es.net  
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 F: (209)753-4211

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)