



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	SEVERE

Area
FG32 FOOD GRADE [185537]

Machine Id
SULLIVAN PALATEK 1806050006 - TAYLOR FARMS HANSEN

Component
Compressor

RECOMMENDATION

We advise that you check for a possible overheat condition. Oil and filter change at the time of sampling has been noted. 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

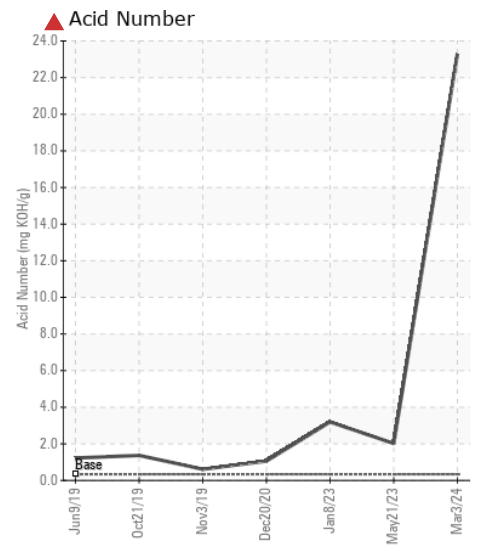
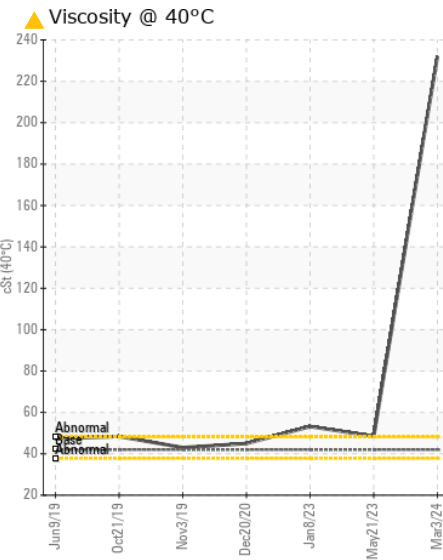
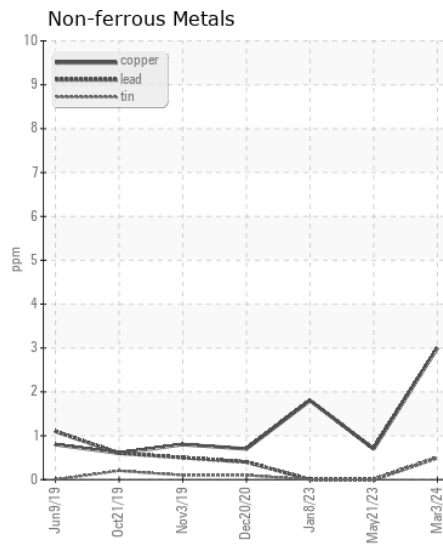
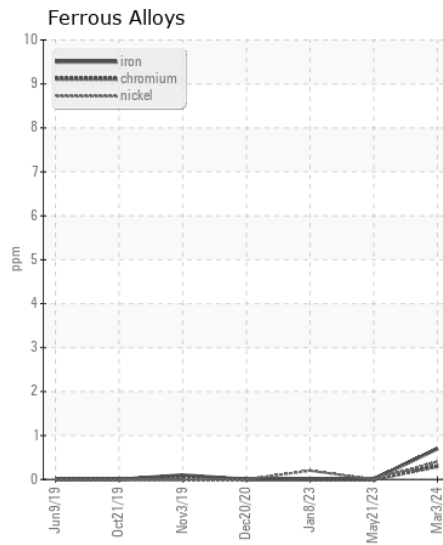
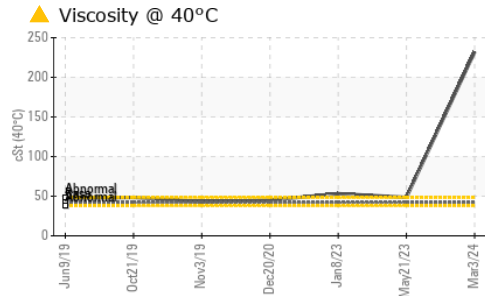
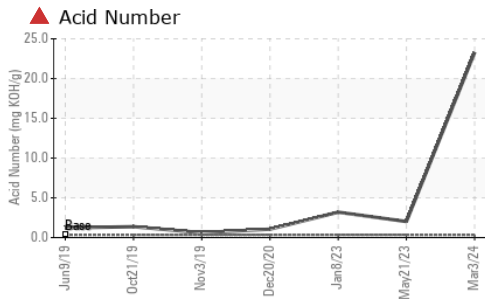
The AN level is well above the recommended limit. The oil viscosity is higher than normal. TAN level indicates possible presence of varnish. The oil is no longer serviceable.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06159256	UCS05859387	UCS06107474
Sample Date		Client Info		03 Mar 2024	21 May 2023	08 Jan 2023
Machine Age	hrs	Client Info		25602	20684	18641
Oil Age	hrs	Client Info		0	0	4000
Filter Age	hrs	Client Info		0	0	1300
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				SEVERE	ATTENTION	SEVERE

Iron	ppm	ASTM D5185m	>50	<1	0	0
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	0	<1
Lead	ppm	ASTM D5185m	>25	<1	0	0
Copper	ppm	ASTM D5185m	>50	3	<1	2
Tin	ppm	ASTM D5185m	>15	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>25	<1	0	0
Potassium	ppm	ASTM D5185m	>20	1	1	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
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		3	<1	<1
Boron	ppm	ASTM D5185m	1	<1	0	0
Barium	ppm	ASTM D5185m	0.3	4	0	0
Molybdenum	ppm	ASTM D5185m	0	<1	0	0
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	0	2	0	<1
Calcium	ppm	ASTM D5185m	0.5	4	0	0
Phosphorus	ppm	ASTM D5185m	536	152	340	286
Zinc	ppm	ASTM D5185m	0.2	6	0	0
Sulfur	ppm	ASTM D5185m	649	190	800	421
Acid Number (AN)	mg KOH/g	ASTM D8045	0.337	▲ 23.28	● 2.02	▲ 3.194
Visc @ 40°C	cSt	ASTM D445	42.0	▲ 232	48.5	▲ 53.2



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06159256
Lab Number : 06159256
Unique Number : 10994679
Test Package : IND 2

Received : 24 Apr 2024
Tested : 25 Apr 2024
Diagnosed : 26 Apr 2024 - Jonathan Hester

COMPLETE ENGINEERED SOLUTIONS - CES
 4772 FRONTIER WAY UNIT 400
 STOCKTON, CA
 US 95215
 Contact: MICHAEL LUDWICK
 michael@complete-es.net

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: