



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
PALEXTRA 44 [8017730]
Machine Id
SULLIVAN PALATEK 1801290003 - AMCON
Component
Compressor

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06186283	UCS05962335	UCS05750921
Sample Date		Client Info		15 May 2024	21 Sep 2023	20 Jan 2023
Machine Age	hrs	Client Info		22365	20273	18202
Oil Age	hrs	Client Info		4163	2071	4030
Filter Age	hrs	Client Info		2097	2071	2000
Oil Changed		Client Info		Changed	Not Changd	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	ATTENTION	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	<1	3	10
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>25	1	4	2
Lead	ppm	ASTM D5185m	>25	<1	0	0
Copper	ppm	ASTM D5185m	>50	1	1	2
Tin	ppm	ASTM D5185m	>15	1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

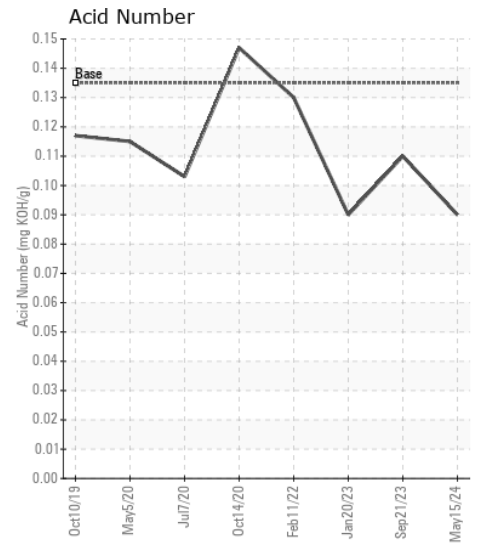
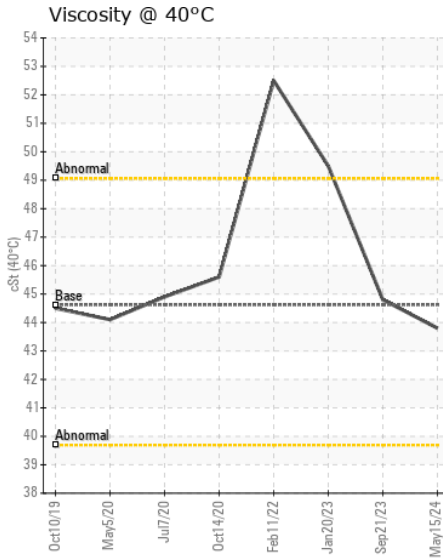
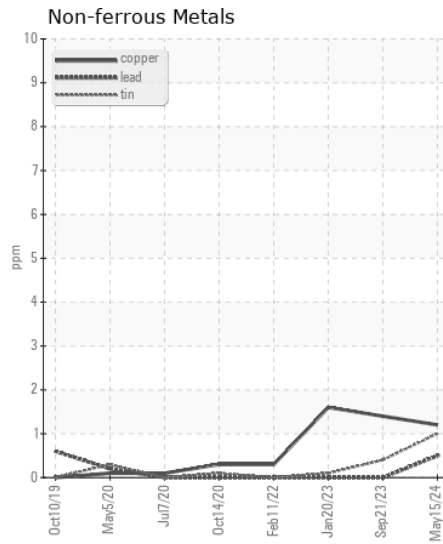
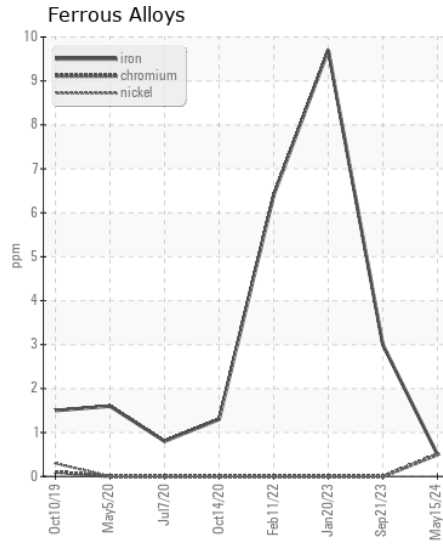
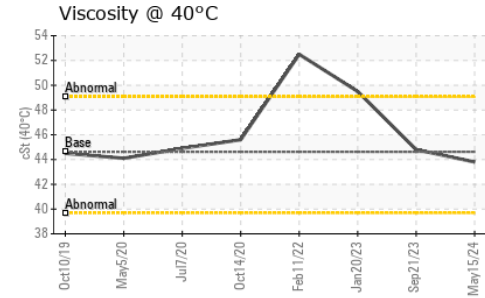
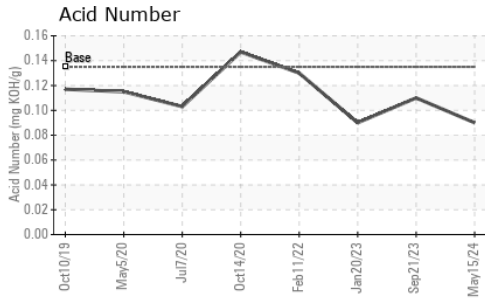
Moderate concentration of visible dirt/debris present in the oil.

Silicon	ppm	ASTM D5185m	>25	6	11	15
Potassium	ppm	ASTM D5185m	>20	1	0	1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	MODER	NONE
Debris	scalar	*Visual	NONE	MODER	NONE	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	0.2%	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		0	2	7
Boron	ppm	ASTM D5185m	0	0	0	0
Barium	ppm	ASTM D5185m	0.3	0	0	0
Molybdenum	ppm	ASTM D5185m	0	<1	0	0
Manganese	ppm	ASTM D5185m	0.3	<1	0	<1
Magnesium	ppm	ASTM D5185m	0.4	<1	0	<1
Calcium	ppm	ASTM D5185m	0	4	16	68
Phosphorus	ppm	ASTM D5185m	689	665	520	404
Zinc	ppm	ASTM D5185m	0	<1	0	0
Sulfur	ppm	ASTM D5185m	1237	1114	810	710
Acid Number (AN)	mg KOH/g	ASTM D8045	0.135	0.09	0.11	0.09
Visc @ 40°C	cSt	ASTM D445	44.62	43.8	44.8	49.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS06186283
Lab Number : 06186283
Unique Number : 11043035
Test Package : IND 2

Received : 21 May 2024
Tested : 22 May 2024
Diagnosed : 23 May 2024 - Sean Felton

LIFT PRO EQUIPMENT CO

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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)