



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Area
PALEXTRA 44 [WO8016150]
 Machine Id
SULLIVAN PALATEK 1808240002 - STARMARK
 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		UCS06125006	UCS06050123	UCS05949315
Sample Date		Client Info		15 Mar 2024	27 Dec 2023	06 Sep 2023
Machine Age	hrs	Client Info		30608	29351	28098
Oil Age	hrs	Client Info		7397	6320	4888
Filter Age	hrs	Client Info		1077	1253	8000
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Changed	N/A
Sample Status				ATTENTION	ATTENTION	NORMAL

WEAR

All component wear rates are normal.

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

CONTAMINATION

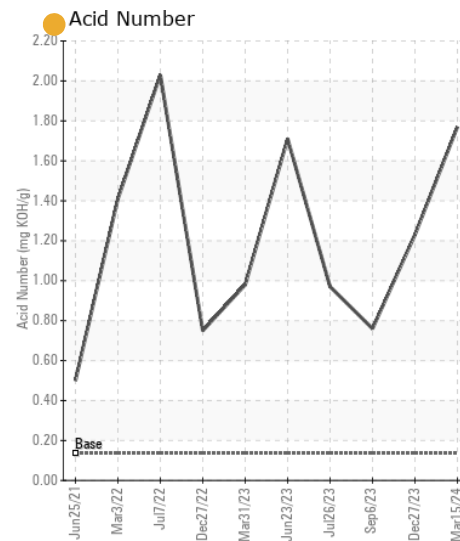
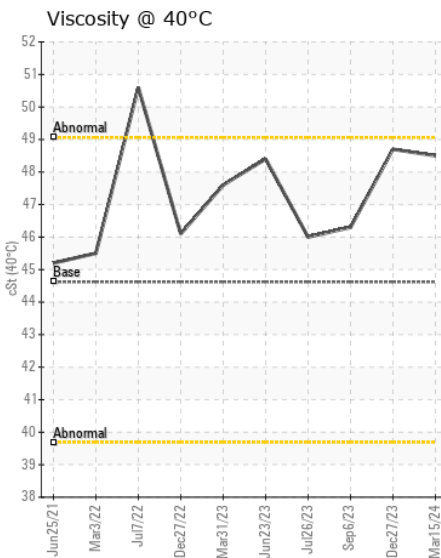
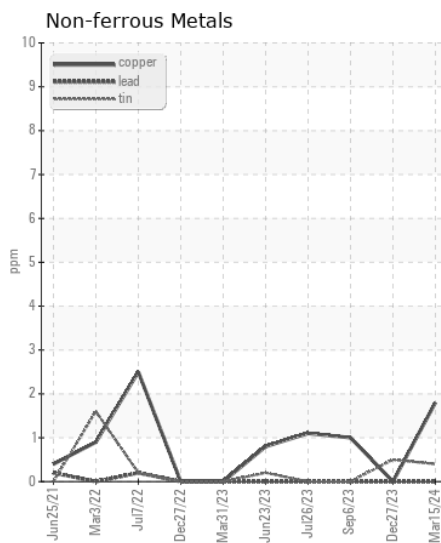
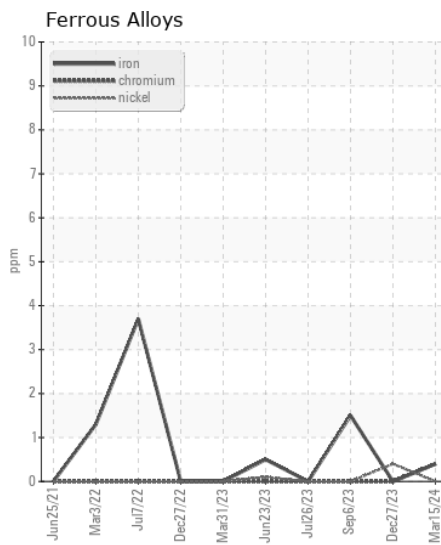
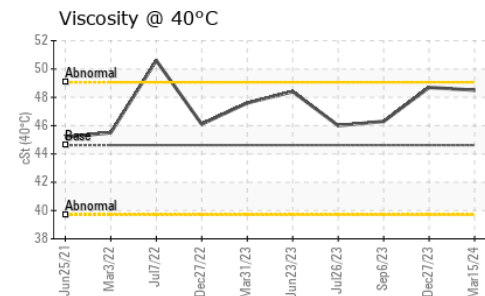
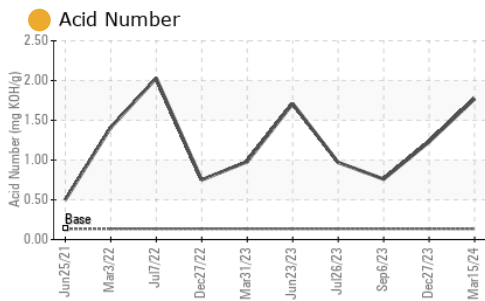
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	1	<1	1
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	LIGHT	NONE	MODER
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

FLUID CONDITION

The AN level is at the top-end of the recommended limit.

Sodium	ppm	ASTM D5185m		0	1	0
Boron	ppm	ASTM D5185m	0	0	0	0
Barium	ppm	ASTM D5185m	0.3	17	0	5
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m	0.3	0	0	0
Magnesium	ppm	ASTM D5185m	0.4	<1	1	2
Calcium	ppm	ASTM D5185m	0	4	0	<1
Phosphorus	ppm	ASTM D5185m	689	310	327	410
Zinc	ppm	ASTM D5185m	0	5	0	0
Sulfur	ppm	ASTM D5185m	1237	150	224	474
Acid Number (AN)	mg KOH/g	ASTM D8045	0.135	1.77	1.23	0.76
Visc @ 40°C	cSt	ASTM D445	44.62	48.5	48.7	46.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : UCS06125006

Lab Number : 06125006

Unique Number : 10939157

Test Package : IND 2

Received : 21 Mar 2024

Tested : 22 Mar 2024

Diagnosed : 24 Mar 2024 - Don Baldrige

LIFT PRO EQUIPMENT CO

SIoux FALLS, SD
US 57104

Contact: REUBEN
tim@liftproequipment.com

T: (605)339-6494

F:

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)