



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area
PALASYN 45
Machine Id
SULLIVAN PALATEK 21EE002130 - AMPLIFY ENERGY
Component
Compressor

RECOMMENDATION

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

WEAR

All component wear rates are normal.

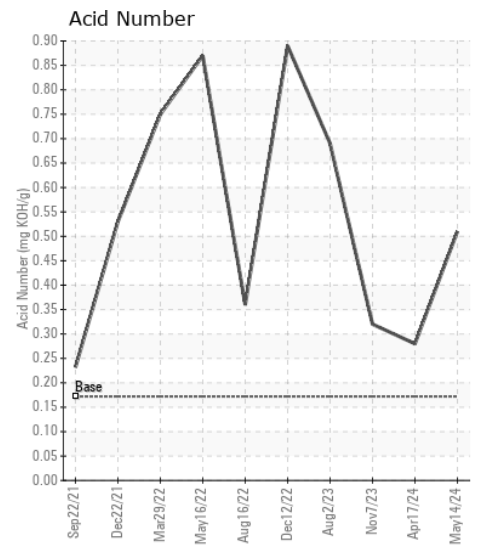
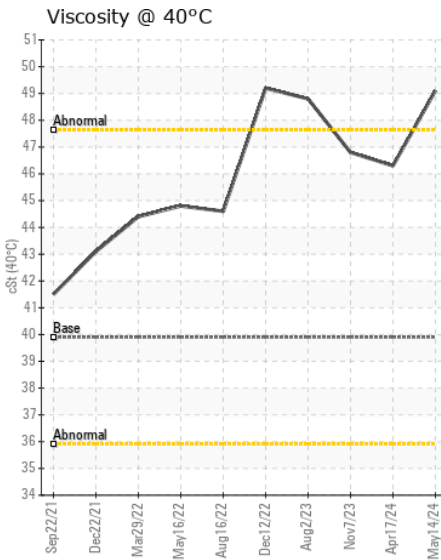
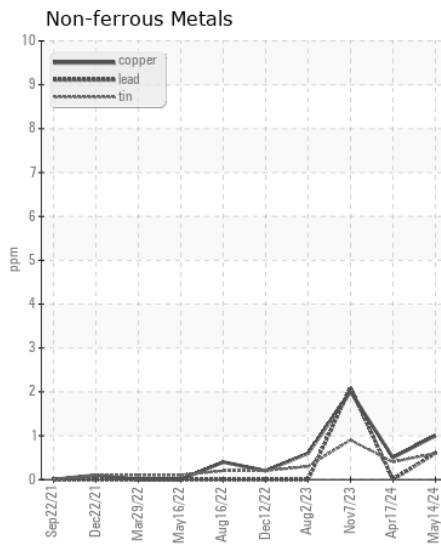
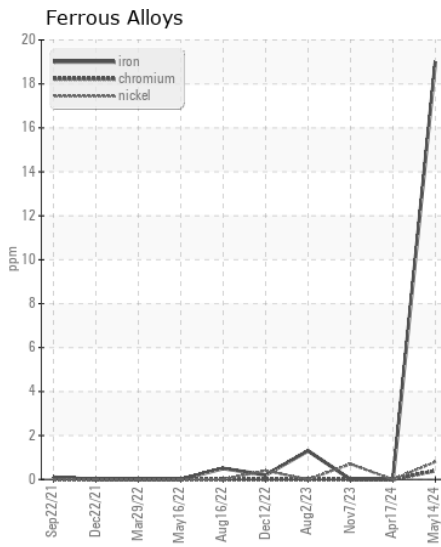
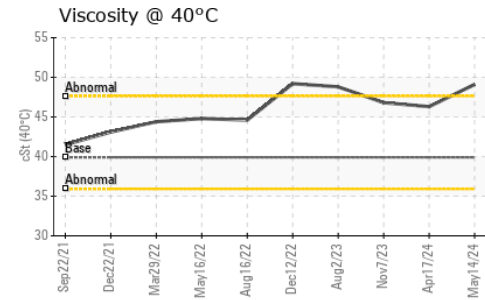
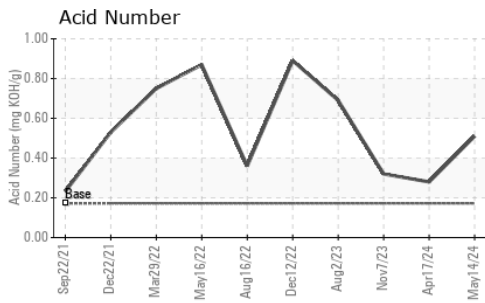
CONTAMINATION

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

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06194154	UCS06152111	UCS06078387
Sample Date		Client Info		14 May 2024	17 Apr 2024	07 Nov 2023
Machine Age	hrs	Client Info		13336	12178	10991
Oil Age	hrs	Client Info		2000	2000	1300
Filter Age	hrs	Client Info		2000	1100	1300
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>50	19	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		1	0	0
Aluminum	ppm	ASTM D5185m	>25	1	<1	<1
Lead	ppm	ASTM D5185m	>25	<1	0	2
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	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	3	2	2
Potassium	ppm	ASTM D5185m	>20	<1	3	3
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	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	NEG	NEG
Sodium	ppm	ASTM D5185m		0	1	2
Boron	ppm	ASTM D5185m	0.0	0	0	0
Barium	ppm	ASTM D5185m	0.0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	<1	0	<1
Manganese	ppm	ASTM D5185m	0	<1	<1	2
Magnesium	ppm	ASTM D5185m	0.0	<1	0	<1
Calcium	ppm	ASTM D5185m	0.0	0	<1	<1
Phosphorus	ppm	ASTM D5185m	966	331	447	416
Zinc	ppm	ASTM D5185m	0	0	0	0
Sulfur	ppm	ASTM D5185m	1309	480	894	682
Acid Number (AN)	mg KOH/g	ASTM D8045	0.172	0.51	0.28	0.32
Visc @ 40°C	cSt	ASTM D445	39.9	49.1	46.3	46.8



Certificate L2367

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

Sample No. : UCS06194154

Lab Number : 06194154

Unique Number : 11056277

Test Package : IND 2

Received : 29 May 2024

Tested : 30 May 2024

Diagnosed : 31 May 2024 - Angela Borella

COMPRESSION LEASING SERVICES, INC

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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)