



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
NOT GIVEN
Machine Id
SULLIVAN PALATEK 11H033 - G&K INDUSTRIAL SERVICES
Component
Compressor

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06058778	UCS05295191	UCS05159536
Sample Date		Client Info		06 Jan 2024	26 Jun 2021	09 Jan 2021
Machine Age	hrs	Client Info		56223	49444	42302
Oil Age	hrs	Client Info		2067	2142	1913
Filter Age	hrs	Client Info		2067	2142	1913
Oil Changed		Client Info		Not Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	<1	0	<1
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	<1	0
Lead	ppm	ASTM D5185m	>25	0	<1	2
Copper	ppm	ASTM D5185m	>50	8	8	13
Tin	ppm	ASTM D5185m	>15	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

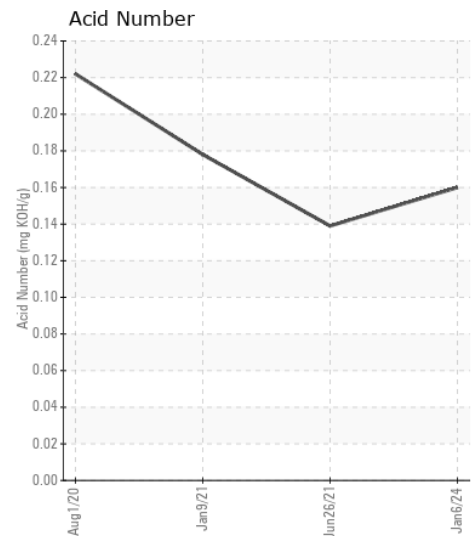
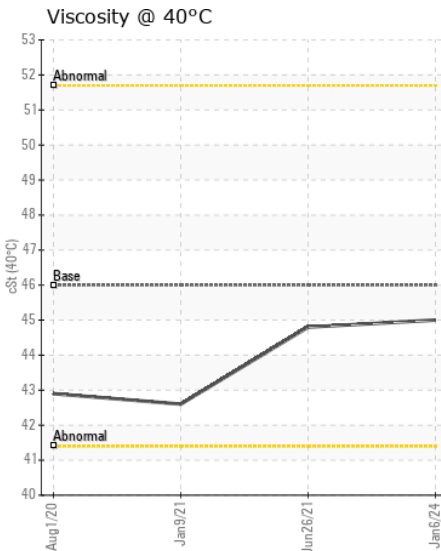
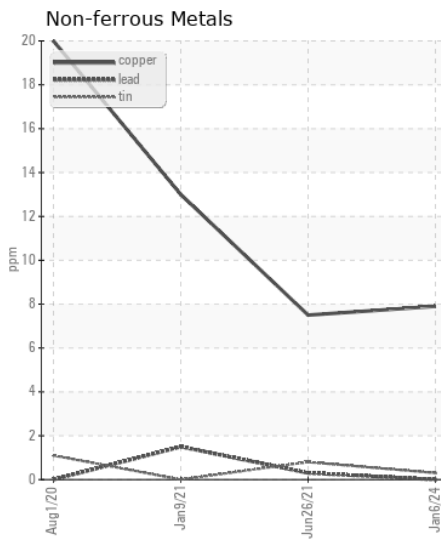
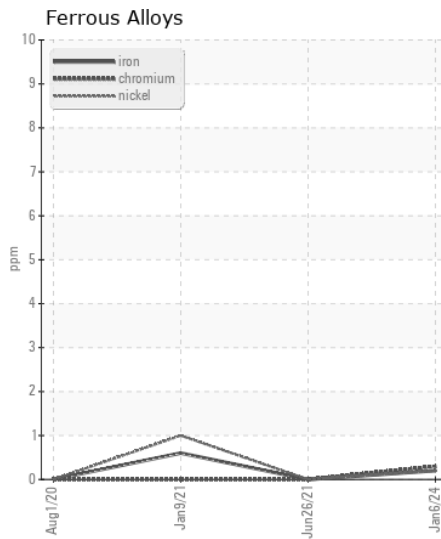
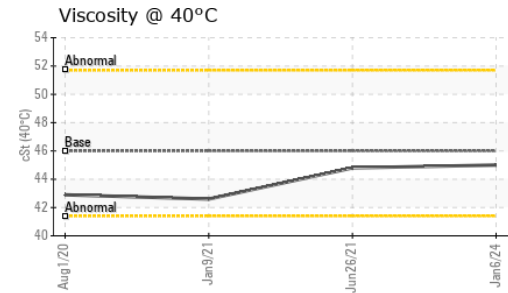
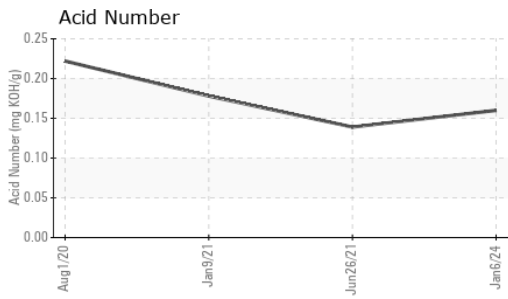
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	1	0	1
Potassium	ppm	ASTM D5185m	>20	4	2	8
Water		WC Method	>0.8	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	>0.8	NEG	NEG	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		95	38	40
Boron	ppm	ASTM D5185m	2	0	3	3
Barium	ppm	ASTM D5185m	525	208	253	407
Molybdenum	ppm	ASTM D5185m	10	0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	5	<1	1	<1
Calcium	ppm	ASTM D5185m	10	2	5	4
Phosphorus	ppm	ASTM D5185m	250	26	16	8
Zinc	ppm	ASTM D5185m	100	8	10	14
Sulfur	ppm	ASTM D5185m	400	654	514	425
Acid Number (AN)	mg KOH/g	ASTM D8045		0.16	0.139	0.178
Visc @ 40°C	cSt	ASTM D445	46	45.0	44.8	42.6



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS06058778 **Recieved** : 11 Jan 2024
Lab Number : 06058778 **Diagnosed** : 14 Jan 2024
Unique Number : 10830160 **Diagnostician** : Don Baldrige
Test Package : IND 2

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)

APPLIED AIR SYSTEMS

LAKEVILLE, MN
US 55044

Contact: SCOTT HARPER
sc@appliedairsystems.com

T: (952)388-3122

F: