



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
PALLUBE 32
Machine Id
PALATEK 1403120015 - TRUFAST
Component
Compressor

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06218366	UCS05934925	UCS05853283
Sample Date		Client Info		03 May 2024	08 Jun 2023	02 Dec 2022
Machine Age	hrs	Client Info		72462	66367	62464
Oil Age	hrs	Client Info		5000	8000	4000
Filter Age	hrs	Client Info		2000	5000	1000
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

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

CONTAMINATION

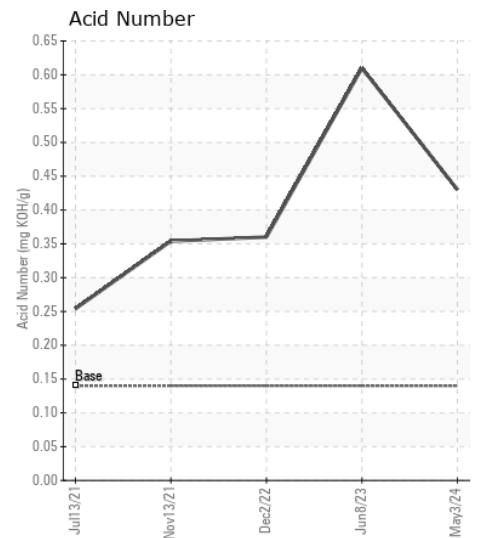
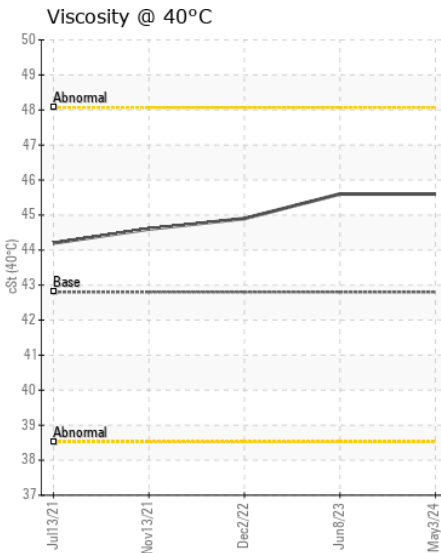
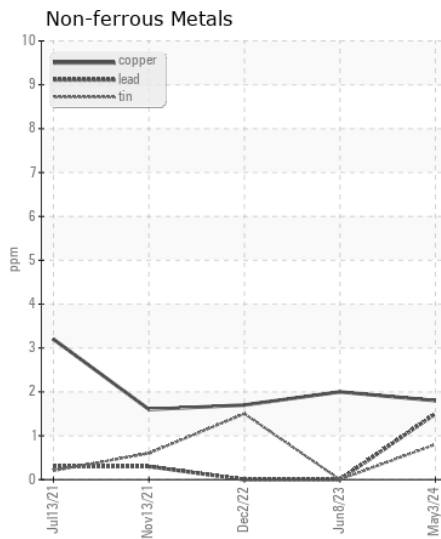
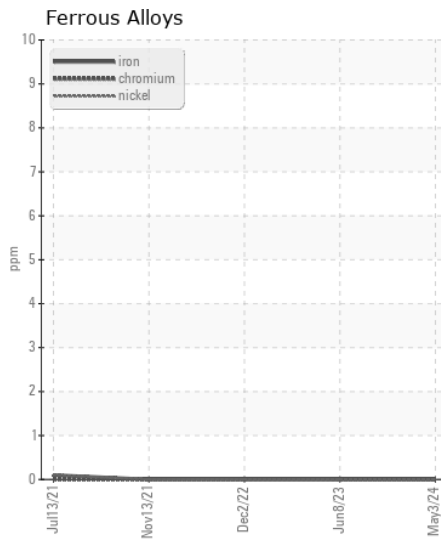
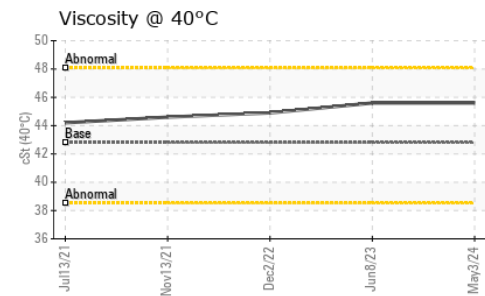
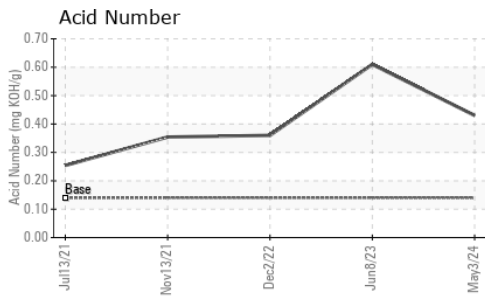
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	1	<1	0
Potassium	ppm	ASTM D5185m	>20	5	3	4
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

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		20	31	46
Boron	ppm	ASTM D5185m	1	2	0	0
Barium	ppm	ASTM D5185m	730	2	8	155
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m	0.0	<1	0	0
Magnesium	ppm	ASTM D5185m	0	1	<1	14
Calcium	ppm	ASTM D5185m	0	2	0	14
Phosphorus	ppm	ASTM D5185m	0	7	7	24
Zinc	ppm	ASTM D5185m	0	1	1	73
Sulfur	ppm	ASTM D5185m	590	581	424	497
Acid Number (AN)	mg KOH/g	ASTM D8045	0.14	0.43	0.61	0.36
Visc @ 40°C	cSt	ASTM D445	42.8	45.6	45.6	44.9



Certificate L2367

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

Sample No. : UCS06218366

Lab Number : 06218366

Unique Number : 11096563

Test Package : IND 2

Received : 24 Jun 2024

Tested : 25 Jun 2024

Diagnosed : 26 Jun 2024 - Don Baldrige

CH REED INC - CLEVELAND

STRONGSVILLE, OH
US 44149

Contact: BOB ZUK
bobzuk@chreed.com

T:

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)