



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
ULTRA COOLANT [153759]
 Machine Id
NV5515U03015 - WEST ROCK
 Component
Compressor

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06214841	UCH06068588	UCH05875632
Sample Date		Client Info		12 Jun 2024	04 Jan 2024	12 Apr 2023
Machine Age	hrs	Client Info		23956	51237	16578
Oil Age	hrs	Client Info		2000	9000	4000
Filter Age	hrs	Client Info		2000	4000	2000
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		N/A	Changed	Changed
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		0	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	<1	<1
Lead	ppm	ASTM D5185m	>25	0	<1	0
Copper	ppm	ASTM D5185m	>50	<1	2	1
Tin	ppm	ASTM D5185m	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

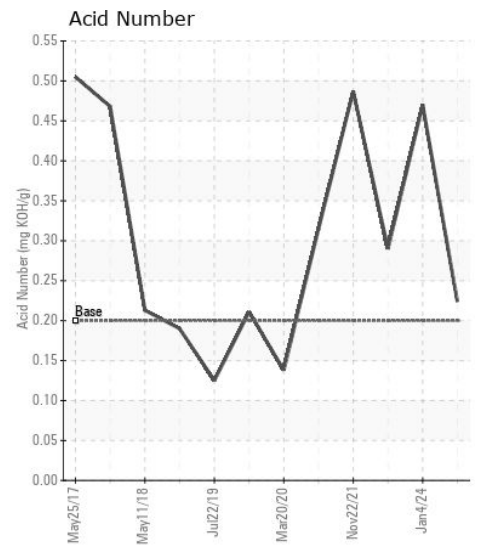
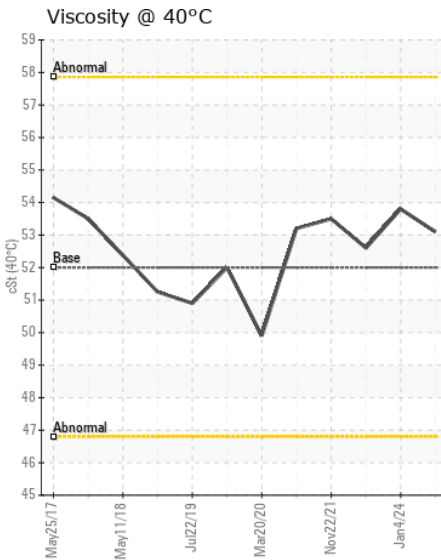
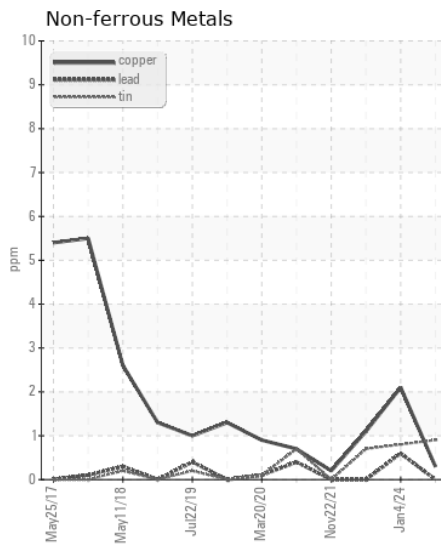
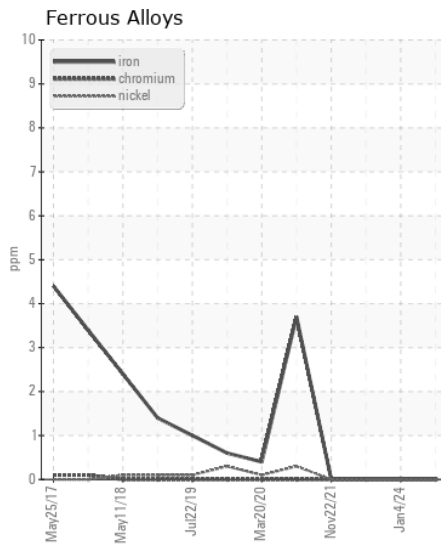
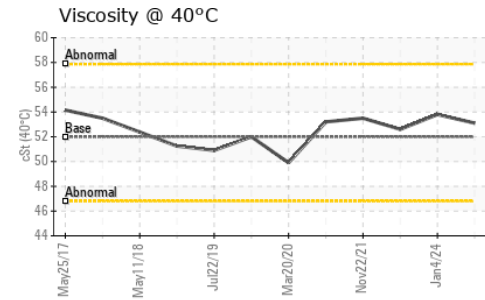
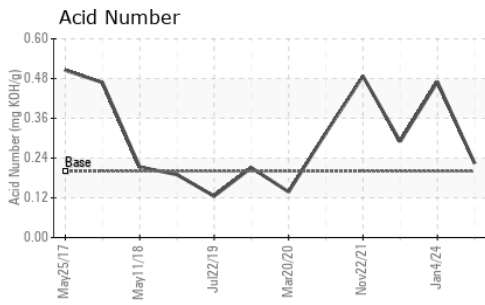
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	<1	1	1
Potassium	ppm	ASTM D5185m	>20	4	4	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		22	42	14
Boron	ppm	ASTM D5185m		<1	0	0
Barium	ppm	ASTM D5185m	556	682	574	754
Molybdenum	ppm	ASTM D5185m		0	0	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		3	3	1
Calcium	ppm	ASTM D5185m	242	5	4	2
Phosphorus	ppm	ASTM D5185m	0	3	0	2
Zinc	ppm	ASTM D5185m	0	0	12	12
Sulfur	ppm	ASTM D5185m	306	380	453	450
Acid Number (AN)	mg KOH/g	ASTM D8045	0.2	0.224	0.47	0.29
Visc @ 40°C	cSt	ASTM D445	52	53.1	53.8	52.6



Certificate L2367

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

Sample No. : UCH06214841

Lab Number : 06214841

Unique Number : 11087705

Test Package : IND 2

Received : 19 Jun 2024

Tested : 20 Jun 2024

Diagnosed : 20 Jun 2024 - Wes Davis

A-L-L EQUIPMENT INC

204 38TH ST

MOLINE, IL

US 61265

Contact: KEVIN DESPOT

kevind@a-l-equipment.com

T: (815)877-7000

F: (309)762-9950

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)