



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

LTL DIAMOND 50B

Machine Id

RC0160-B032-01016 C11080 - ALL CLAD

Component

Compressor

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

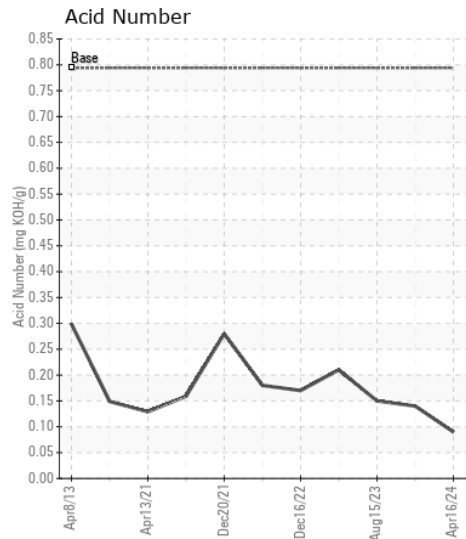
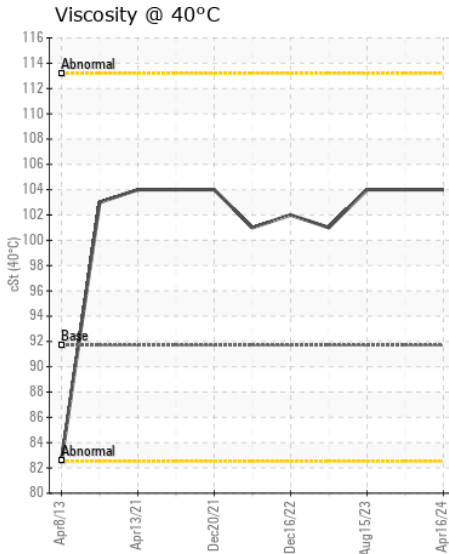
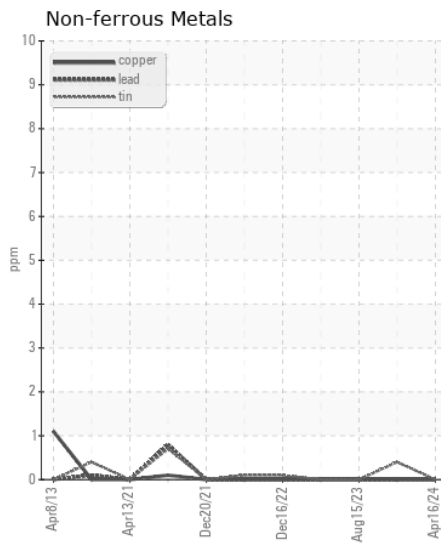
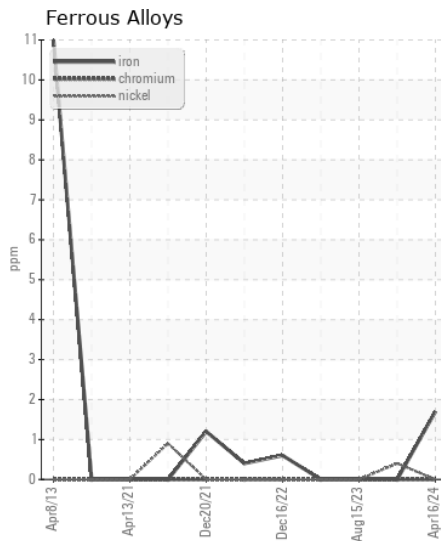
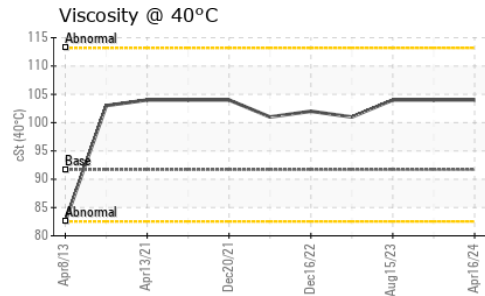
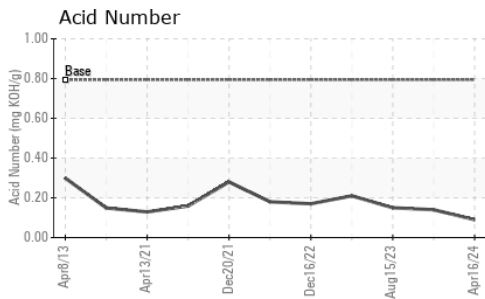
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06192344	UCH06050116	UCH05958699
Sample Date		Client Info		16 Apr 2024	15 Dec 2023	15 Aug 2023
Machine Age	hrs	Client Info		71993	70461	69004
Oil Age	hrs	Client Info		374	1792	335
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

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

Silicon	ppm	ASTM D5185m	>25	<1	<1	<1
Potassium	ppm	ASTM D5185m	>20	<1	<1	2
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

Sodium	ppm	ASTM D5185m		6	8	3
Boron	ppm	ASTM D5185m	5.9	0	0	0
Barium	ppm	ASTM D5185m	0.2	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m	1.2	0	0	0
Magnesium	ppm	ASTM D5185m	0	0	1	2
Calcium	ppm	ASTM D5185m	0.1	0	0	0
Phosphorus	ppm	ASTM D5185m	182	42	50	73
Zinc	ppm	ASTM D5185m	0.1	11	22	34
Sulfur	ppm	ASTM D5185m	1117	162	141	94
Acid Number (AN)	mg KOH/g	ASTM D8045	0.794	0.09	0.14	0.15
Visc @ 40°C	cSt	ASTM D445	91.7	104	104	104



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06192344
Lab Number : 06192344
Unique Number : 11049096
Test Package : IND 2
Received : 28 May 2024
Tested : 29 May 2024
Diagnosed : 29 May 2024 - Wes Davis

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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)