



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Area
ULTRA COOLANT
Machine Id
CBV286981 - GROUP-O
Component
Compressor

RECOMMENDATION

We advise that you check for a possible overheat condition. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

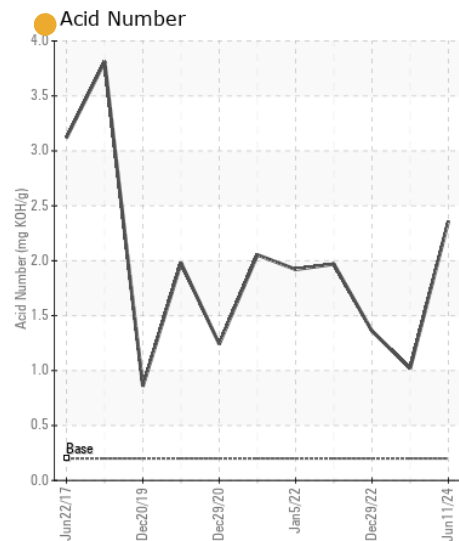
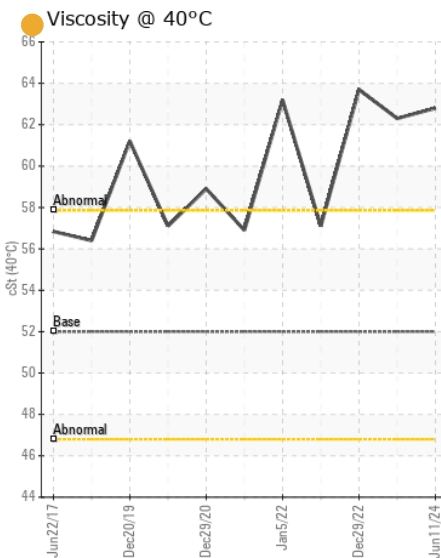
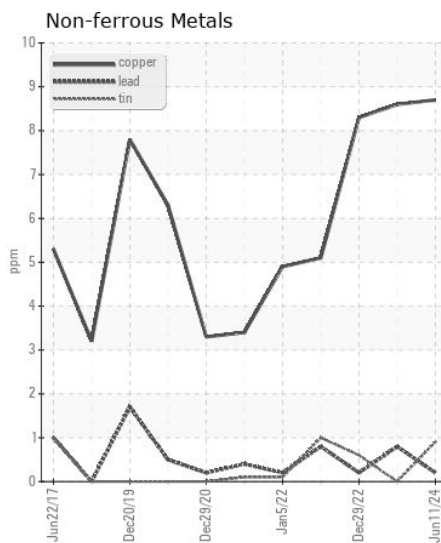
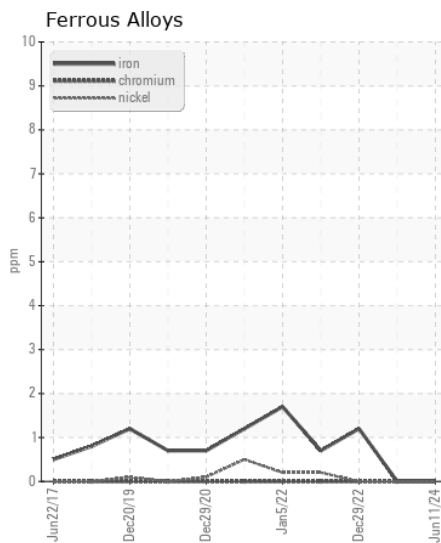
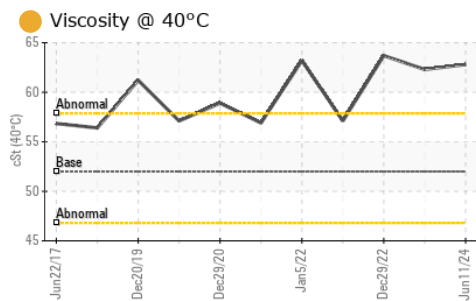
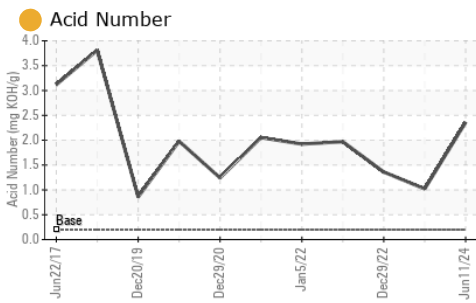
The oil viscosity is higher than normal. The AN level is at the top-end of the recommended limit. TAN level indicates possible presence of varnish.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06214844	UCH06032415	UCH05737195
Sample Date		Client Info		11 Jun 2024	06 Dec 2023	29 Dec 2022
Machine Age	hrs	Client Info		17651	16445	11893
Oil Age	hrs	Client Info		5001	1650	0
Filter Age	hrs	Client Info		1450	1650	0
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ATTENTION	ATTENTION	ATTENTION

Iron	ppm	ASTM D5185m	>50	0	0	1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	0	0
Lead	ppm	ASTM D5185m	>25	<1	<1	<1
Copper	ppm	ASTM D5185m	>50	9	9	8
Tin	ppm	ASTM D5185m	>15	<1	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>25	1	<1	1
Potassium	ppm	ASTM D5185m	>20	5	3	<1
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		35	27	32
Boron	ppm	ASTM D5185m		2	0	0
Barium	ppm	ASTM D5185m	556	515	525	463
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m		2	<1	<1
Calcium	ppm	ASTM D5185m	242	5	4	5
Phosphorus	ppm	ASTM D5185m	0	16	3	22
Zinc	ppm	ASTM D5185m	0	694	453	373
Sulfur	ppm	ASTM D5185m	306	492	399	220
Acid Number (AN)	mg KOH/g	ASTM D8045	0.2	2.36	1.02	1.36
Visc @ 40°C	cSt	ASTM D445	52	62.8	62.3	63.7



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06214844
Lab Number : 06214844
Unique Number : 11087708
Test Package : IND 2
Received : 19 Jun 2024
Tested : 20 Jun 2024
Diagnosed : 21 Jun 2024 - Don Baldrige

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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)