



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
ROTO XTEND
Machine Id
ATLAS COPCO ITJ509845 - CALIBER COLLISION 1771
Component
Compressor

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06211795	UCH05918737	---
Sample Date		Client Info		11 Jun 2024	04 Aug 2023	---
Machine Age	hrs	Client Info		4485	2460	---
Oil Age	hrs	Client Info		2025	2460	---
Filter Age	hrs	Client Info		2025	2460	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	0	0	---
Chromium	ppm	ASTM D5185m	>5	0	0	---
Nickel	ppm	ASTM D5185m		2	9	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>15	0	0	---
Lead	ppm	ASTM D5185m	>65	0	<1	---
Copper	ppm	ASTM D5185m	>65	<1	<1	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

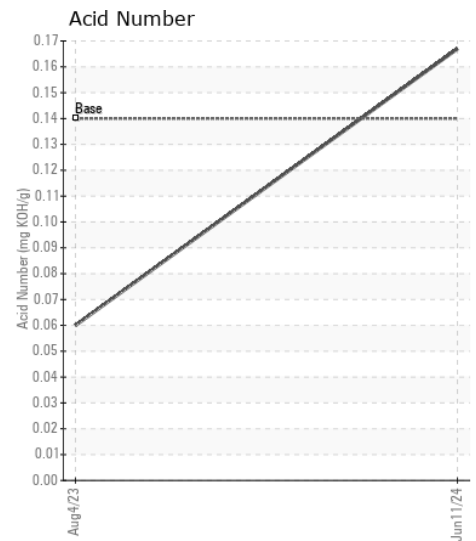
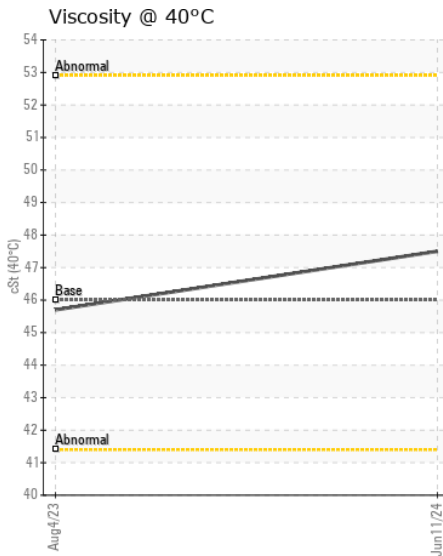
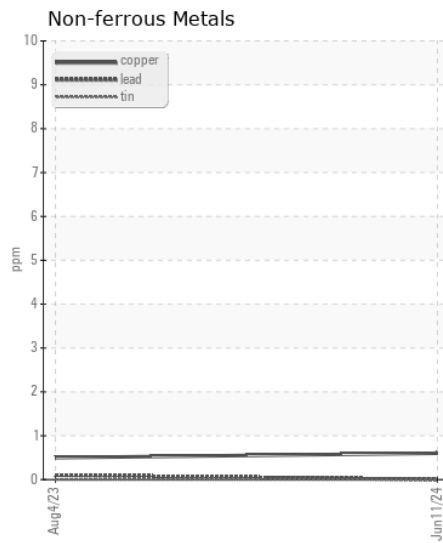
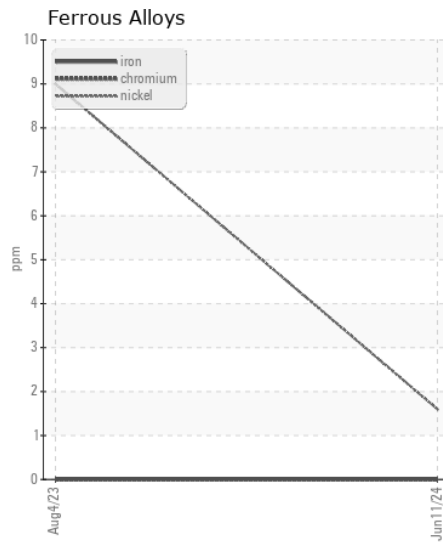
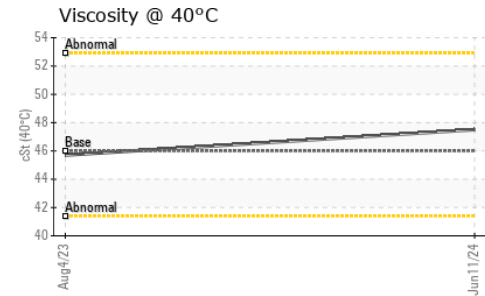
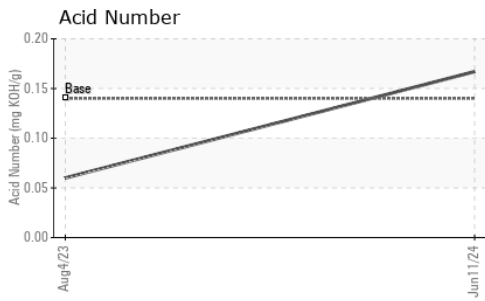
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>35	1	3	---
Potassium	ppm	ASTM D5185m	>20	0	0	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	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		3	0	---
Boron	ppm	ASTM D5185m		0	0	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		<1	0	---
Magnesium	ppm	ASTM D5185m		<1	0	---
Calcium	ppm	ASTM D5185m		0	0	---
Phosphorus	ppm	ASTM D5185m		33	35	---
Zinc	ppm	ASTM D5185m		44	31	---
Sulfur	ppm	ASTM D5185m		125	207	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.14	0.167	0.06	---
Visc @ 40°C	cSt	ASTM D445	46	47.5	45.7	---



Certificate L2367

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

Sample No. : UCH06211795

Lab Number : 06211795

Unique Number : 11084659

Test Package : IND 2

Received : 17 Jun 2024

Tested : 18 Jun 2024

Diagnosed : 18 Jun 2024 - Wes Davis

TATE ENGINEERING

8131 VIRGINIA PINE CT

RICHMOND, VA

US 23237

Contact: RANDY BEAUCHAMP

randy.beauchamp@tate.com

T: (757)214-6541

F: (804)743-0415

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)