



# OIL ANALYSIS REPORT

WEAR  
CONTAMINATION  
FLUID CONDITION

**ATTENTION**  
**NORMAL**  
**NORMAL**

Area

## ULTRA COOLANT

Machine Id

## CBV337844 - JOHN DEERE PARTS DISTRIBUTION

Component

### Compressor

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06153224	UCH05983749	UCH05853272
Sample Date		Client Info		08 Apr 2024	11 Oct 2023	26 Apr 2023
Machine Age	hrs	Client Info		64529	60580	48563
Oil Age	hrs	Client Info		3949	0	0
Filter Age	hrs	Client Info		3949	0	0
Oil Changed		Client Info		Not Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ATTENTION	NORMAL	NORMAL

### WEAR

An increase in the copper level is noted. All other component wear rates are normal.

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	<1	0
Lead	ppm	ASTM D5185m	>25	2	0	2
Copper	ppm	ASTM D5185m	>50	30	2	26
Tin	ppm	ASTM D5185m	>15	<1	<1	1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

### CONTAMINATION

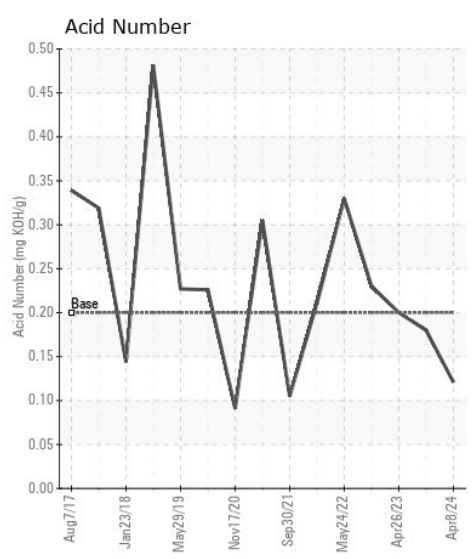
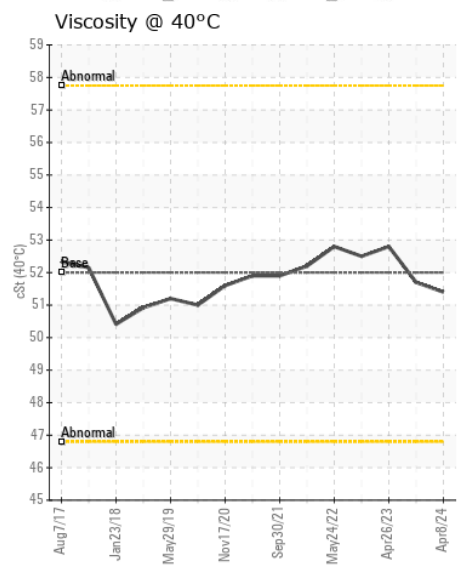
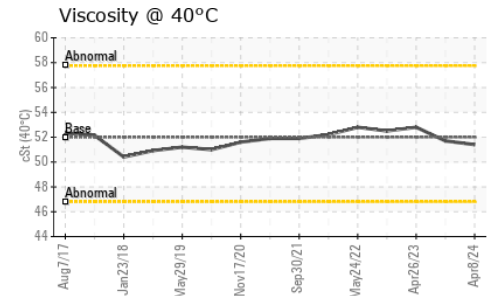
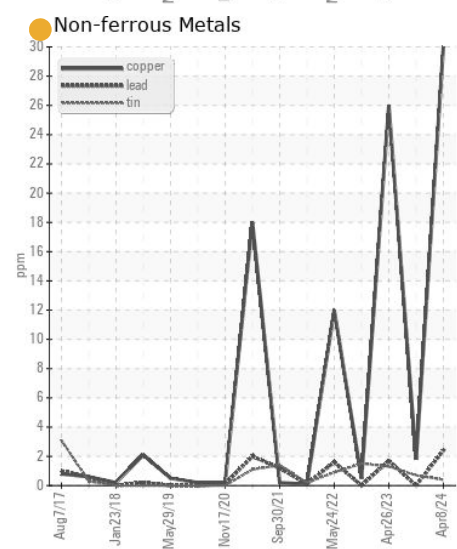
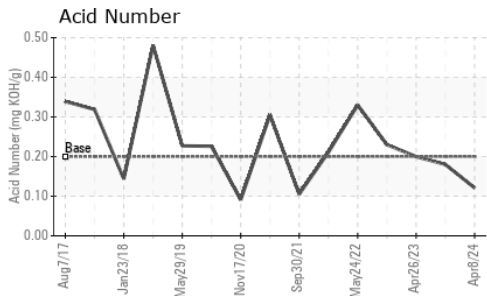
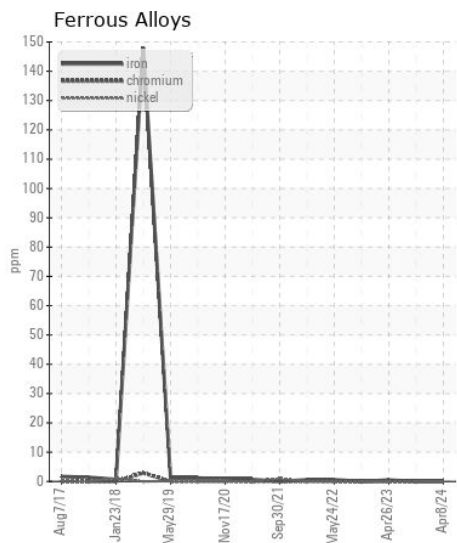
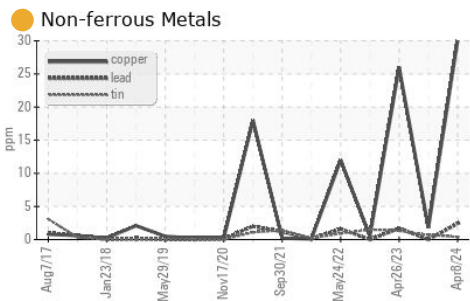
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	0	<1	<1
Potassium	ppm	ASTM D5185m	>20	4	3	4
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	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		8	37	70
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m	556	935	745	762
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		<1	0	15
Calcium	ppm	ASTM D5185m	242	3	3	21
Phosphorus	ppm	ASTM D5185m	0	0	2	18
Zinc	ppm	ASTM D5185m	0	30	0	108
Sulfur	ppm	ASTM D5185m	306	434	366	355
Acid Number (AN)	mg KOH/g	ASTM D8045	0.2	0.121	0.18	0.20
Visc @ 40°C	cSt	ASTM D445	52	51.4	51.7	52.8



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCH06153224 **Received** : 18 Apr 2024  
**Lab Number** : 06153224 **Tested** : 19 Apr 2024  
**Unique Number** : 10983302 **Diagnosed** : 22 Apr 2024 - Don Baldrige  
**Test Package** : IND 2

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Certificate L2367  
 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)