WEAR CONTAMINATION FLUID CONDITION

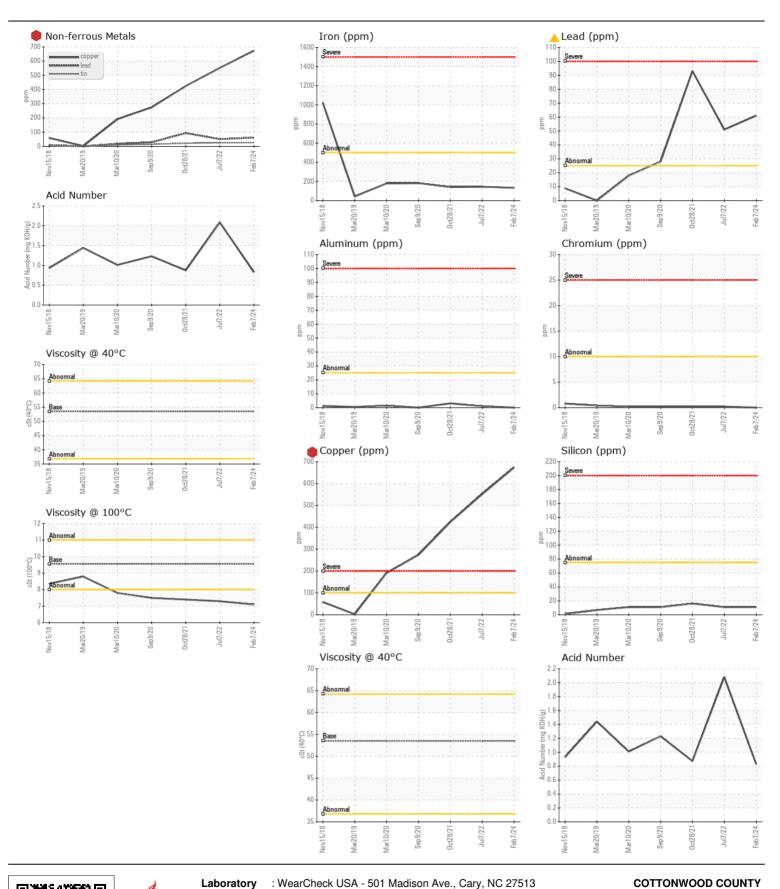
SEVERE NORMAL NORMAL

OIL ANALYSIS REPORT

JOHN DEERE 772G 72 - JOHN DEERE (S/N HF682978)

Component Differential

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.	Sample Number	OOW	Client Info	LITTIQ/ QIT	TR06086699	TR05605360	TR05392686
	Sample Date		Client Info		07 Feb 2024	07 Jul 2022	28 Oct 202
	Machine Age	hrs	Client Info		5981	4509	4000
	Oil Age	hrs	Client Info		1981	509	4000
	Filter Age	hrs	Client Info		1981	509	1000
	Oil Changed		Client Info		Changed	Not Changd	Changed
	Filter Changed		Client Info		Changed	Not Changd	Changed
	Sample Status				SEVERE	SEVERE	ABNORMAI
WEAR	Iron	ppm	ASTM D5185m	>500	133	144	141
	Chromium	ppm	ASTM D5185m		0	<1	<1
Bearing and/or bushing wear is indicated.	Nickel	ppm	ASTM D5185m		0	0	0
	Titanium	ppm	ASTM D5185m		0	0	<1
	Silver	ppm	ASTM D5185m		0	<1	0
	Aluminum	ppm	ASTM D5185m	>25	0	1	3
	Lead	ppm	ASTM D5185m	>25	△ 61	<u></u> 51	9 3
	Copper	ppm	ASTM D5185m	>100	673	552	<u>424</u>
	Tin	ppm	ASTM D5185m	>10	2 6	2 5	<u>^</u> 22
	Vanadium	ppm	ASTM D5185m		0	0	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>75	11	11	16
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	0	0	0
	Water		WC Method	>.2	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	>.2	NEG	NEG	NEG
FLUID CONDITION	Sodium	ppm	ASTM D5185m		2	3	<1
The AN level is acceptable for this fluid. The AN level is acceptable for this fluid.	Boron	ppm	ASTM D5185m		136	136	122
	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m		0	<1	4
	Manganese	ppm	ASTM D5185m		2	2	3
	Magnesium	ppm	ASTM D5185m		10	15	3
	Calcium	ppm	ASTM D5185m		3805	4312	4139
	Phosphorus	ppm	ASTM D5185m		1356	1409	1604
	Zinc	ppm	ASTM D5185m	2000	1478	1666	1595
			ASTM D5185m		6757	8281	6194
	Sulfur	ppm					
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.83	2.083	0.873
							0.873 7.4





Certificate L2367

Laboratory Sample No.

: TR06086699 Lab Number : 06086699 Unique Number : 10874144

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

Received : 12 Feb 2024 **Tested** Diagnosed Test Package : MOB 2 (Additional Tests: KV100, VI)

: 13 Feb 2024

: 13 Feb 2024 - Don Baldridge

US 56101 Contact: DARRYL BARGEN

To discuss this sample report, contact Customer Service at 1-800-827-0711.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

F: (507)831-2367 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: COTWINMW [WUSCAR] 06086699 (Generated: 02/14/2024 09:05:48) Rev: 1

1355 9TH AVE

WINDOM, MN

T: (507)831-1389