



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 30203
 Component
Left Final Drive
 Fluid
CHEVRON DELO GEAR ESI OIL 80W90 (2 QTS)

RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is a light concentration of water present in the oil.

FLUID CONDITION

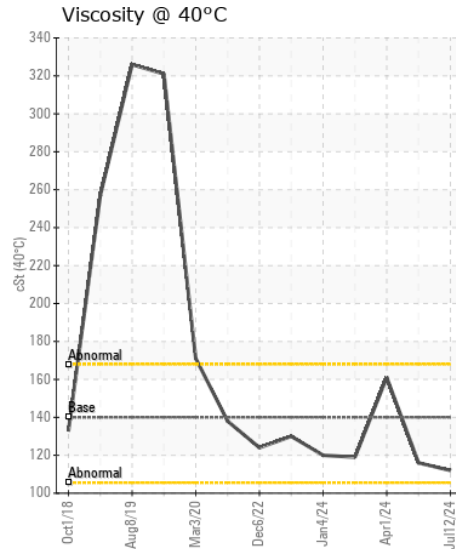
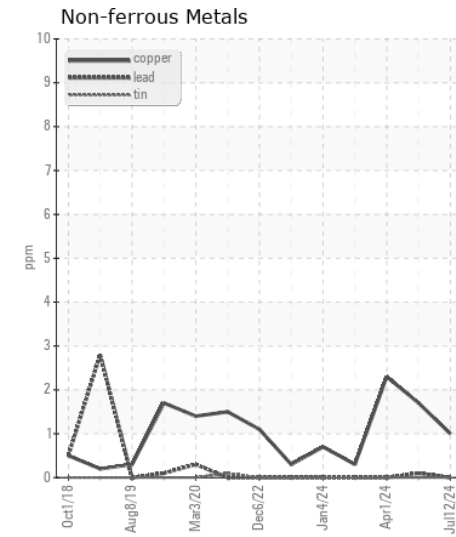
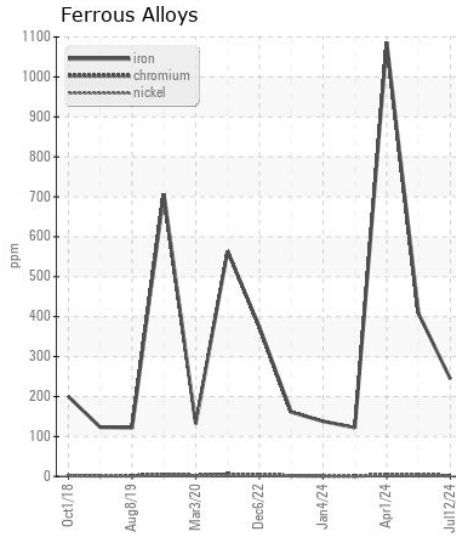
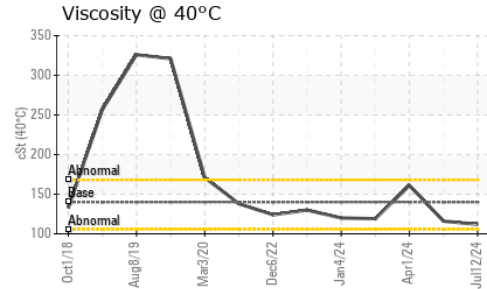
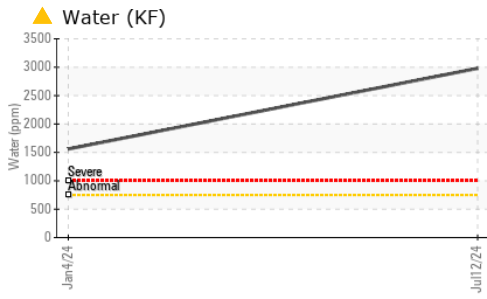
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0950669	WC0882806	WC0913784
Sample Date		Client Info		12 Jul 2024	18 Apr 2024	01 Apr 2024
Machine Age	hrs	Client Info		8122	7975	2695
Oil Age	hrs	Client Info		2000	0	250
Filter Age	hrs	Client Info		2000	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	N/A
Sample Status				ABNORMAL	ABNORMAL	SEVERE

Iron	ppm	ASTM D5185m	>750	244	408	▲ 1086
Chromium	ppm	ASTM D5185m	>9	2	3	4
Nickel	ppm	ASTM D5185m	>10	<1	1	2
Titanium	ppm	ASTM D5185m		<1	2	2
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	15	● 45	● 99
Lead	ppm	ASTM D5185m	>15	0	<1	0
Copper	ppm	ASTM D5185m	>40	1	2	2
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	40	▲ 126	▲ 353
Potassium	ppm	ASTM D5185m	>20	3	10	22
Water	%	ASTM D6304	>0.075	▲ 0.298	---	---
ppm Water	ppm	ASTM D6304	>750	▲ 2980	---	---
Silt	scalar	*Visual	NONE	MODER	MODER	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	>0.075	▲ 0.2%	NEG	NEG

Sodium	ppm	ASTM D5185m	>51	1	7	19
Boron	ppm	ASTM D5185m		60	91	69
Barium	ppm	ASTM D5185m		0	1	<1
Molybdenum	ppm	ASTM D5185m		14	13	1
Manganese	ppm	ASTM D5185m		2	3	8
Magnesium	ppm	ASTM D5185m		54	64	17
Calcium	ppm	ASTM D5185m		34	116	54
Phosphorus	ppm	ASTM D5185m		1387	1416	1826
Zinc	ppm	ASTM D5185m		62	120	51
Sulfur	ppm	ASTM D5185m		15346	17563	25499
Visc @ 40°C	cSt	ASTM D445	140	112	116	161



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0950669 **Received** : 18 Jul 2024
Lab Number : 06240724 **Tested** : 19 Jul 2024
Unique Number : 11129558 **Diagnosed** : 20 Jul 2024 - Don Baldrige
Test Package : CONST (Additional Tests: KF)

SULLIVAN EASTERN INC
 2860 C SLATER RD
 MORRISVILLE, NC
 US 27560

Contact: SCOTT SULLIVAN
 ssullivan@sullivaneastern.com

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)

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