

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL


Area
[ASSURANCE CONST]
 Machine Id
JOHN DEERE 333D CD228X53
 Component
Left Final Drive
 Fluid
NOT GIVEN (--- GAL)


DIAGNOSIS
Recommendation

Resample at the next service interval to monitor.
 Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			JR0178192	---	---
Sample Date	Client Info			22 Oct 2023	---	---
Machine Age	hrs	Client Info		2000	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed	Client Info			Changed	---	---
Sample Status				NORMAL	---	---

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.075	NEG	---	---

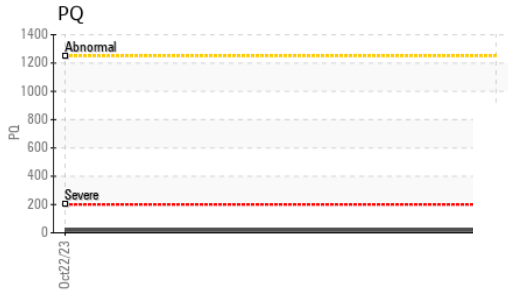
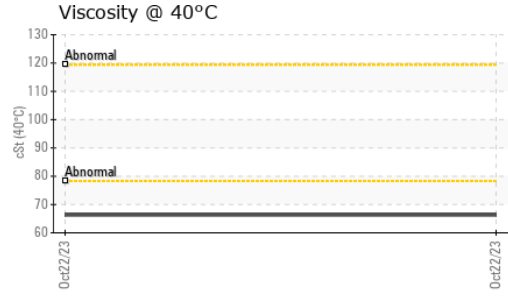
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>1250	18	---	---
Iron	ppm	ASTM D5185m	>750	17	---	---
Chromium	ppm	ASTM D5185m	>9	0	---	---
Nickel	ppm	ASTM D5185m	>10	0	---	---
Titanium	ppm	ASTM D5185m		1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>40	1	---	---
Lead	ppm	ASTM D5185m	>15	2	---	---
Copper	ppm	ASTM D5185m	>40	18	---	---
Tin	ppm	ASTM D5185m	>10	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
Cadmium	ppm	ASTM D5185m		0	---	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		108	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		71	---	---
Manganese	ppm	ASTM D5185m		2	---	---
Magnesium	ppm	ASTM D5185m		299	---	---
Calcium	ppm	ASTM D5185m		2190	---	---
Phosphorus	ppm	ASTM D5185m		495	---	---
Zinc	ppm	ASTM D5185m		589	---	---
Sulfur	ppm	ASTM D5185m		3004	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	8	---	---
Sodium	ppm	ASTM D5185m	>51	7	---	---
Potassium	ppm	ASTM D5185m	>20	1	---	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.075	NEG	---	---
Free Water	scalar	*Visual		NEG	---	---

OIL ANALYSIS REPORT



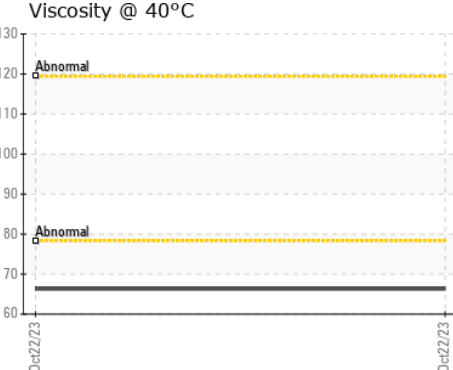
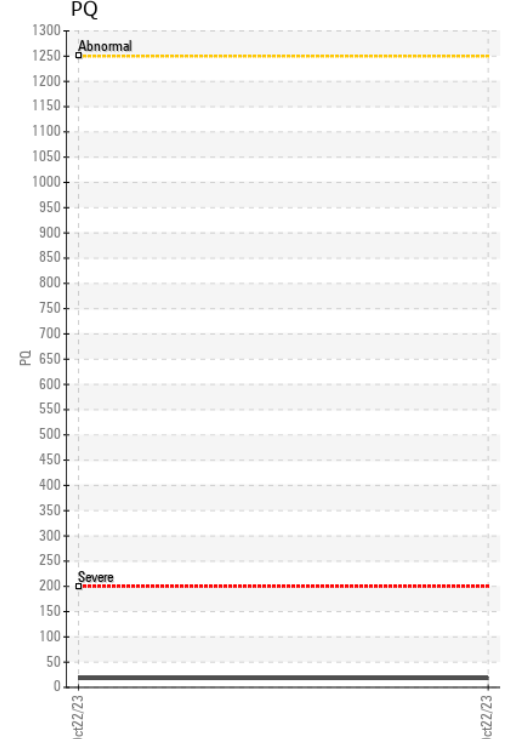
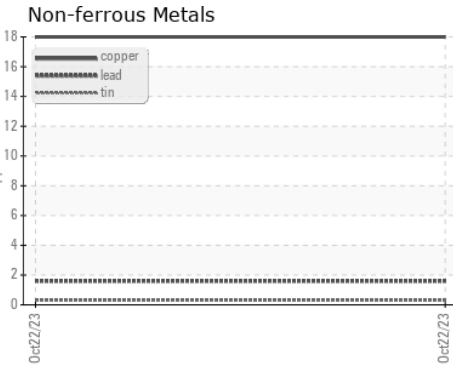
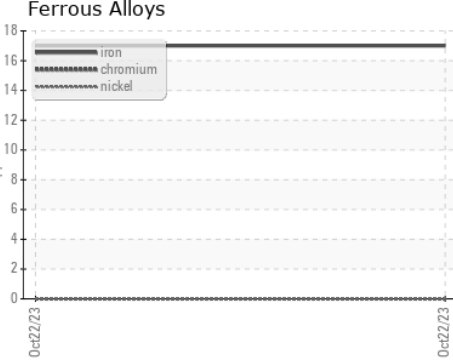
FLUID PROPERTIES	method	limit/base	current	history1	history2
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Visc @ 40°C	cSt	ASTM D445	66.3	---	---
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SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0178192 **Received** : 06 Nov 2023
Lab Number : 06000047 **Diagnosed** : 08 Nov 2023
Unique Number : 10728407 **Diagnostician** : Sean Felton
Test Package : CONST (Additional Tests: PQ)

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269
 Contact: CHARLOTTE SHOP
 myoung@jamesriverequipment.com
 T: (704)597-0211
 F: (704)596-6198

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)