



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 5075 1PY5075ELNN418117

Component
Transmission

Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0189784	---	---
Sample Date		Client Info		12 Jan 2024	---	---
Machine Age	hrs	Client Info		165	---	---
Oil Age	hrs	Client Info		165	---	---
Filter Age	hrs	Client Info		165	---	---
Oil Changed		Client Info		Not Chngd	---	---
Filter Changed		Client Info		Not Chngd	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>100	17	---	---
Iron	ppm	ASTM D5185m	>61	28	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
Nickel	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>20	2	---	---
Lead	ppm	ASTM D5185m	>9	4	---	---
Copper	ppm	ASTM D5185m	>100	42	---	---
Tin	ppm	ASTM D5185m	>3	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

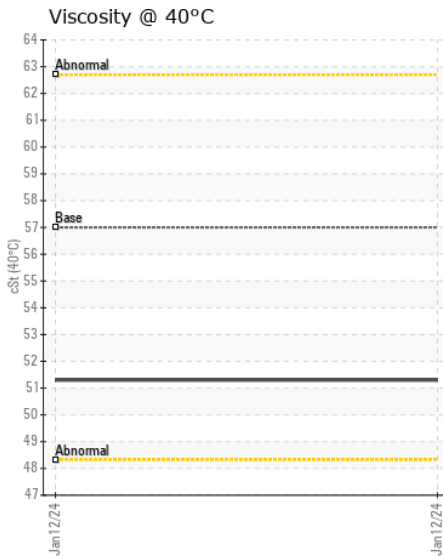
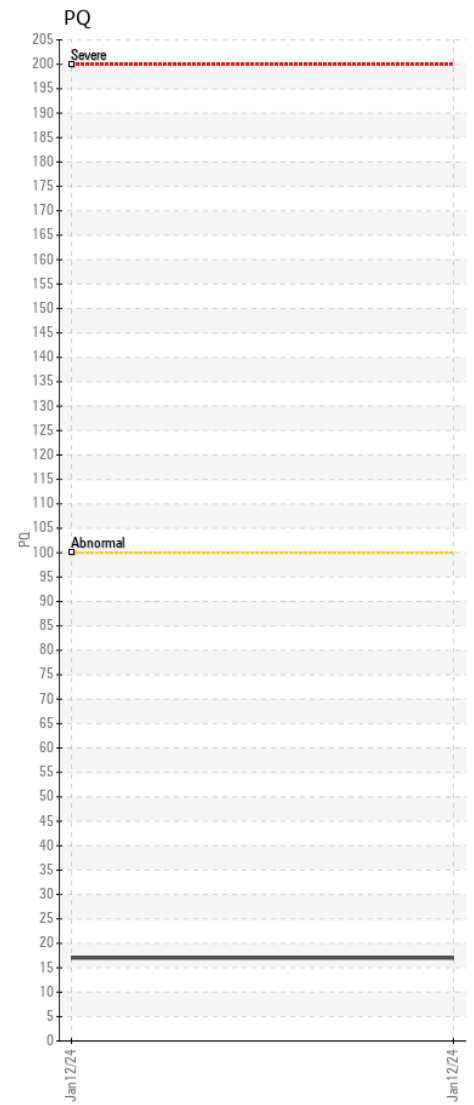
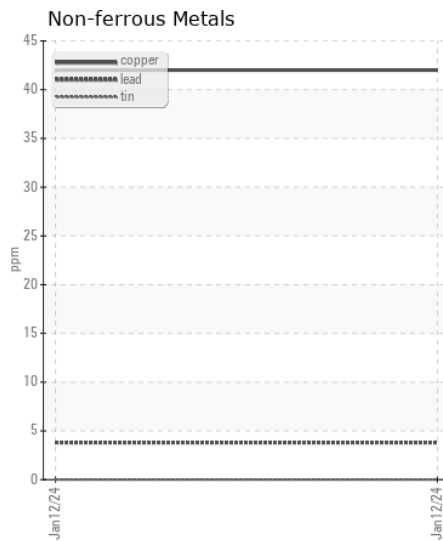
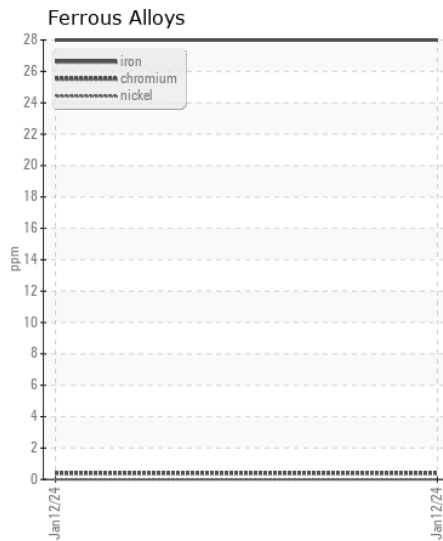
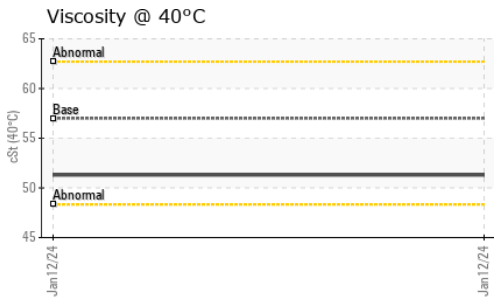
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>21	7	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water		WC Method	>0.075	NEG	---	---
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	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>30	5	---	---
Boron	ppm	ASTM D5185m	6	11	---	---
Barium	ppm	ASTM D5185m	0	<1	---	---
Molybdenum	ppm	ASTM D5185m	0	<1	---	---
Manganese	ppm	ASTM D5185m		2	---	---
Magnesium	ppm	ASTM D5185m	145	76	---	---
Calcium	ppm	ASTM D5185m	3570	2691	---	---
Phosphorus	ppm	ASTM D5185m	1290	856	---	---
Zinc	ppm	ASTM D5185m	1640	1013	---	---
Sulfur	ppm	ASTM D5185m		3558	---	---
Visc @ 40°C	cSt	ASTM D445	57.0	51.3	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0189784 **Received** : 17 Jan 2024
Lab Number : 06063814 **Diagnosed** : 19 Jan 2024
Unique Number : 10835196 **Diagnostician** : Wes Davis
Test Package : CONST (Additional Tests: PQ)

JRE - LA CROSSE
 38431 HWY 58
 LA CROSSE, VA
 US 23950-1807

Contact: HUNTER GREEN
 hgreen@jamesriverequipment.com
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 F: (434)447-1329

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)