



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 750L 1T0750LXPLF388919
 Component
Right Outer Final Drive
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0222469	JR0186790	JR0152556
Sample Date		Client Info		02 Jul 2024	10 Oct 2023	22 Nov 2022
Machine Age	hrs	Client Info		4601	3710	3017
Oil Age	hrs	Client Info		3908	693	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		N/A	N/A	Changed
Sample Status				NORMAL	ABNORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	154	358	125
Iron	ppm	ASTM D5185m	>750	211	545	157
Chromium	ppm	ASTM D5185m	>9	1	3	<1
Nickel	ppm	ASTM D5185m	>10	2	6	2
Titanium	ppm	ASTM D5185m		1	3	1
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>40	12	44	25
Lead	ppm	ASTM D5185m	>15	<1	0	<1
Copper	ppm	ASTM D5185m	>40	<1	1	<1
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

There is no indication of any contamination in the oil.

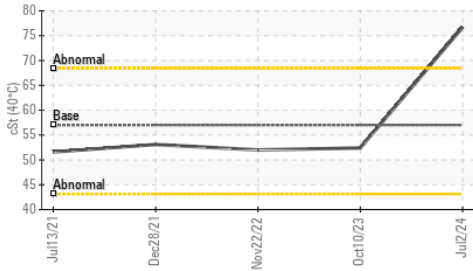
Silicon	ppm	ASTM D5185m	>75	72	197	54
Potassium	ppm	ASTM D5185m	>20	2	21	<1
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	MODER	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	NEG

FLUID CONDITION

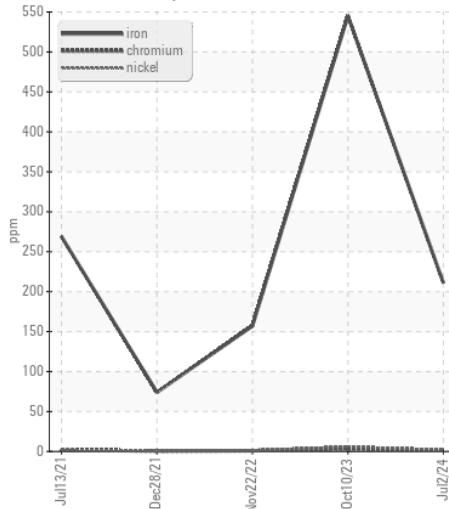
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	3	0	2
Boron	ppm	ASTM D5185m	6	<1	2	4
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	3	1	<1
Manganese	ppm	ASTM D5185m		2	5	2
Magnesium	ppm	ASTM D5185m	145	52	95	99
Calcium	ppm	ASTM D5185m	3570	3579	3339	3407
Phosphorus	ppm	ASTM D5185m	1290	967	1025	977
Zinc	ppm	ASTM D5185m	1640	1104	1242	1215
Sulfur	ppm	ASTM D5185m		4463	4114	3934
Visc @ 40°C	cSt	ASTM D445	57.0	76.7	52.4	52.0

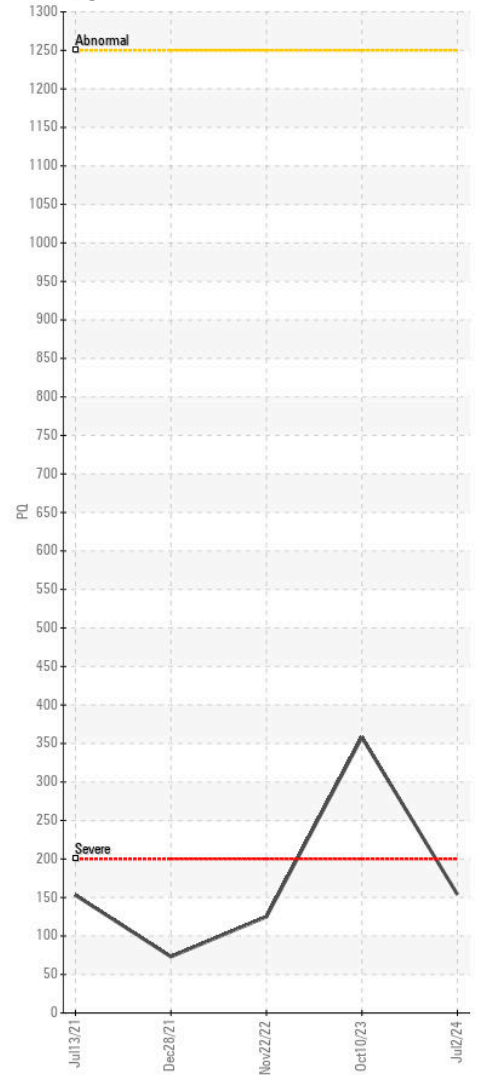
Viscosity @ 40°C



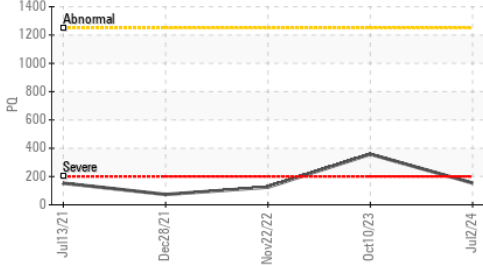
Ferrous Alloys



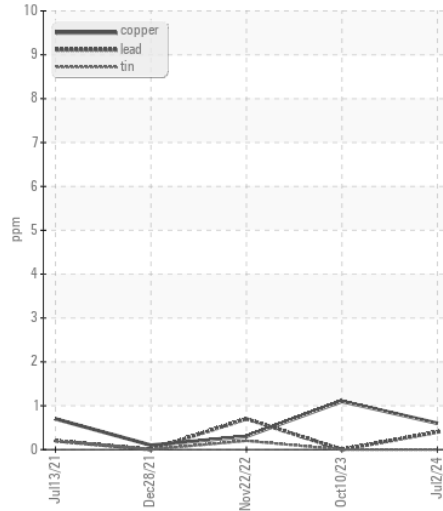
PQ



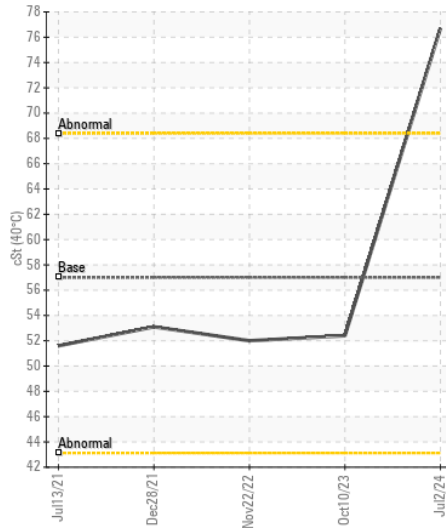
PQ



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0222469 **Received** : 05 Jul 2024
Lab Number : 06228884 **Tested** : 08 Jul 2024
Unique Number : 11112377 **Diagnosed** : 08 Jul 2024 - Don Baldridge
Test Package : CONST (Additional Tests: PQ)

JRE - GARNER
 4161 AUBURN CHURCH RD
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 US 27529
 Contact: RALEIGH SHOP
 sean.betts@jamesriverequipment.com; catherine.anastasio@wearcheck.com
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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)