CONST

James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[05W47911]

Machine Id

JOHN DEERE 624L 1DW624LTLLF708606

Component

Brake

Fluid

JOHN DEERE HY-GARD HYD/TRANS (11 Oz)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

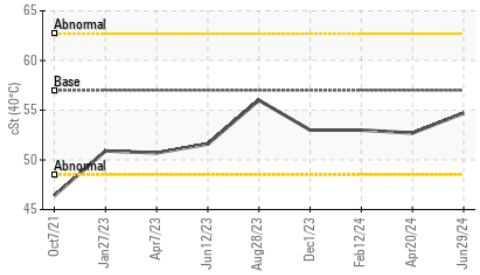
There is no indication of any contamination in the oil.

FLUID CONDITION

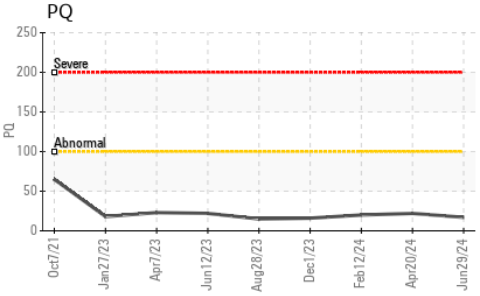
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0225495	JR0211033	JR0203335
Sample Date		Client Info		29 Jun 2024	20 Apr 2024	12 Feb 2024
Machine Age	hrs	Client Info		8614	8049	7517
Oil Age	hrs	Client Info		565	1000	476
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184		17	22	20
Iron	ppm	ASTM D5185m	>350	8	58	37
Chromium	ppm	ASTM D5185m	>5	<1	<1	0
Nickel	ppm	ASTM D5185m	>5	0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>8	3	3	2
Lead	ppm	ASTM D5185m	>10	5	2	2
Copper	ppm	ASTM D5185m	>150	3	1	<1
Tin	ppm	ASTM D5185m	>5	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>400	2	72	51
Potassium	ppm	ASTM D5185m	>20	1	2	2
Water		WC Method	>0.2	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	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		0	10	6
Boron	ppm	ASTM D5185m	6	11	18	13
Barium	ppm	ASTM D5185m	0	0	<1	0
Molybdenum	ppm	ASTM D5185m	0	8	17	11
Manganese	ppm	ASTM D5185m		0	2	1
Magnesium	ppm	ASTM D5185m	145	118	157	116
Calcium	ppm	ASTM D5185m	3570	3134	4246	2957
Phosphorus	ppm	ASTM D5185m	1290	1074	1293	985
Zinc	ppm	ASTM D5185m	1640	1230	1519	1149
Sulfur	ppm	ASTM D5185m		3721	4908	3529
Visc @ 40°C	cSt	ASTM D445	57.0	54.7	52.7	53.0

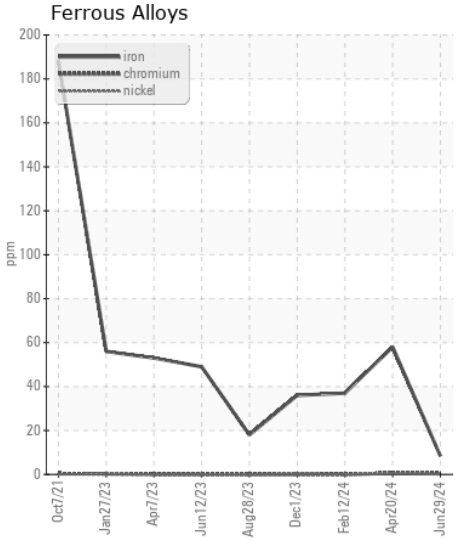
Viscosity @ 40°C



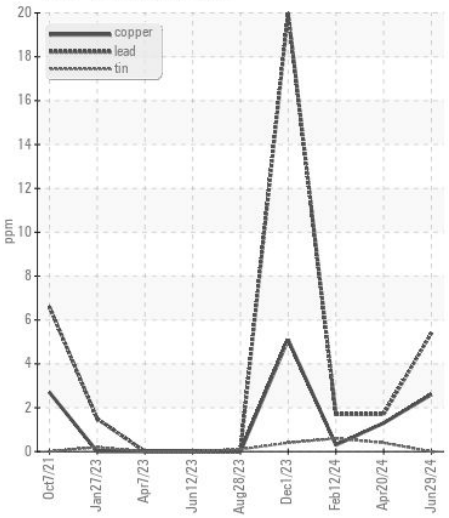
PQ



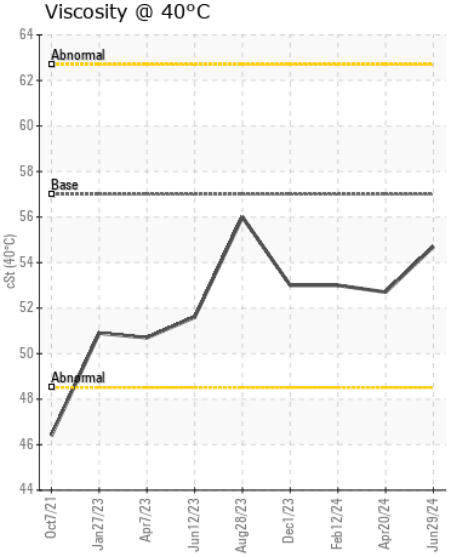
Ferrous Alloys



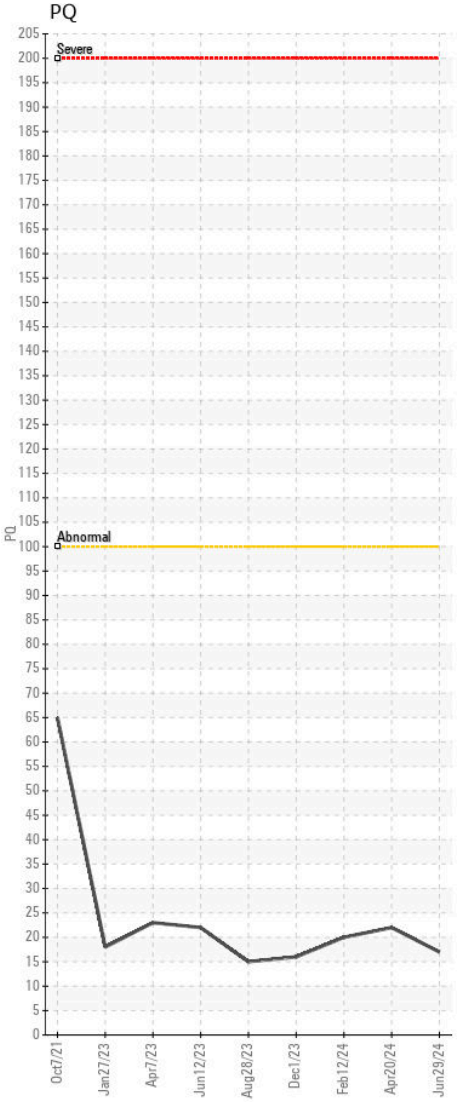
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0225495
Lab Number : 06226526
Unique Number : 11110019
Test Package : CONST (Additional Tests: PQ)

Received : 02 Jul 2024
Tested : 03 Jul 2024
Diagnosed : 05 Jul 2024 - Jonathan Hester

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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