



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 744L 1DW744LXHNL713327
 Component
Brake
 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		WE0007377	WE0000617	WE0005321
Sample Date		Client Info		21 May 2024	07 Mar 2024	15 Dec 2023
Machine Age	hrs	Client Info		14436	12880	11125
Oil Age	hrs	Client Info		1000	0	500
Filter Age	hrs	Client Info		1000	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	None	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		251	40	31
Iron	ppm	ASTM D5185m	>350	286	54	42
Chromium	ppm	ASTM D5185m	>5	0	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>8	3	2	<1
Lead	ppm	ASTM D5185m	>10	0	<1	1
Copper	ppm	ASTM D5185m	>150	1	0	<1
Tin	ppm	ASTM D5185m	>5	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

There is no indication of any contamination in the fluid.

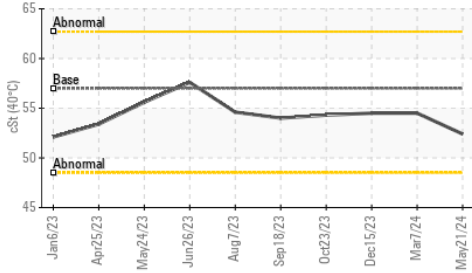
Silicon	ppm	ASTM D5185m	>400	118	31	26
Potassium	ppm	ASTM D5185m	>20	0	3	0
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	MODER	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

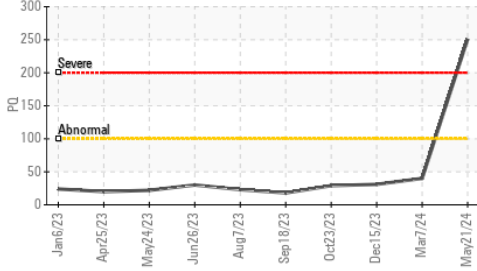
The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		5	0	2
Boron	ppm	ASTM D5185m	6	0	2	0
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	<1	1	<1
Manganese	ppm	ASTM D5185m		3	<1	<1
Magnesium	ppm	ASTM D5185m	145	116	102	80
Calcium	ppm	ASTM D5185m	3570	3911	3753	3181
Phosphorus	ppm	ASTM D5185m	1290	1138	1039	938
Zinc	ppm	ASTM D5185m	1640	1298	1310	1155
Sulfur	ppm	ASTM D5185m		4158	4529	3343
Visc @ 40°C	cSt	ASTM D445	57.0	52.4	54.5	54.5

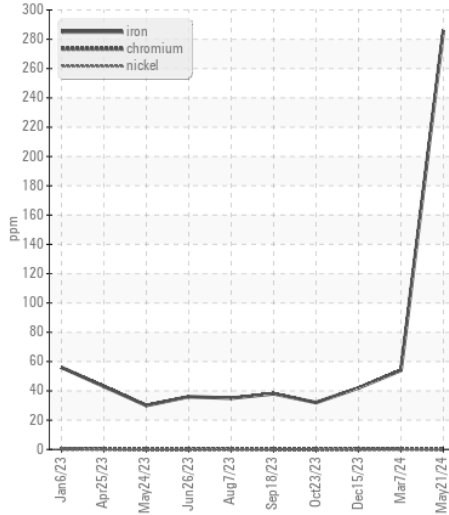
Viscosity @ 40°C



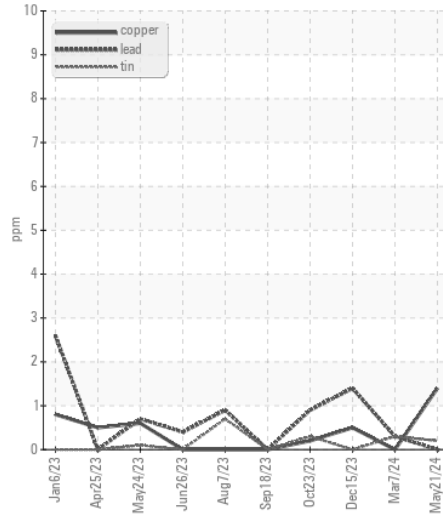
PQ



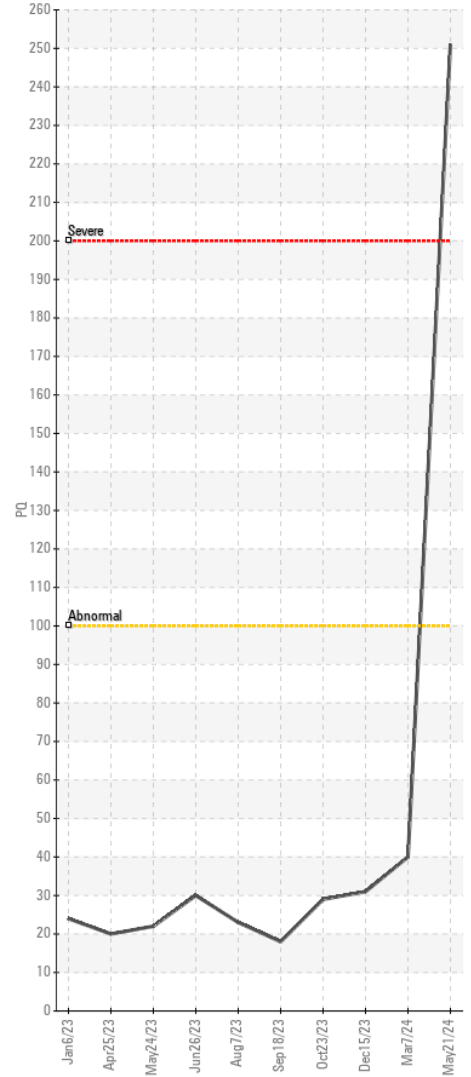
Ferrous Alloys



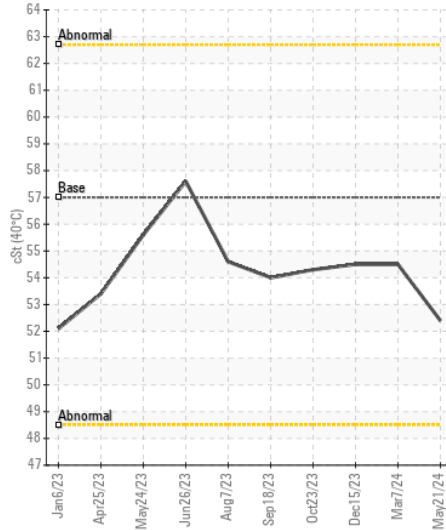
Non-ferrous Metals



PQ



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WE0007377
Lab Number : 06195701
Unique Number : 11057824
Test Package : CONST (Additional Tests: PQ)

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 US 36460
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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)