CONST

LESLIE EQUIPMENT CO.

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 5 - Cross Lanes
Machine Id
JOHN DEERE 648L2 1DW648LBJJF692956
Component
Rear Axle
Fluid
JOHN DEERE HY-GARD HYD/TRANS (9 GAL)

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

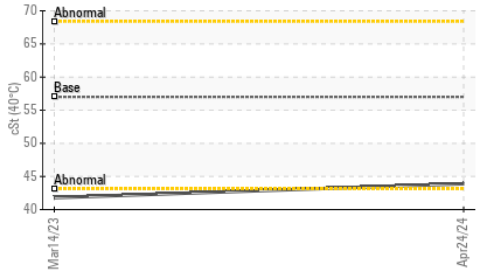
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0040746	LEC0039404	---
Sample Date		Client Info		24 Apr 2024	14 Mar 2023	---
Machine Age	hrs	Client Info		6354	5123	---
Oil Age	hrs	Client Info		500	5123	---
Filter Age	hrs	Client Info		500	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		Changed	N/A	---
Sample Status				NORMAL	NORMAL	---
PQ		ASTM D8184		35	26	---
Iron	ppm	ASTM D5185m	>750	84	47	---
Chromium	ppm	ASTM D5185m	>11	<1	<1	---
Nickel	ppm	ASTM D5185m	>10	<1	0	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>21	4	<1	---
Lead	ppm	ASTM D5185m	>49	1	<1	---
Copper	ppm	ASTM D5185m	>101	16	7	---
Tin	ppm	ASTM D5185m	>10	2	<1	---
Vanadium	ppm	ASTM D5185m		<1	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>31	6	5	---
Potassium	ppm	ASTM D5185m	>20	2	<1	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---
Sodium	ppm	ASTM D5185m	>51	0	2	---
Boron	ppm	ASTM D5185m	6	16	43	---
Barium	ppm	ASTM D5185m	0	2	0	---
Molybdenum	ppm	ASTM D5185m	0	2	5	---
Manganese	ppm	ASTM D5185m		2	2	---
Magnesium	ppm	ASTM D5185m	145	78	37	---
Calcium	ppm	ASTM D5185m	3570	3224	2399	---
Phosphorus	ppm	ASTM D5185m	1290	996	806	---
Zinc	ppm	ASTM D5185m	1640	1190	1027	---
Sulfur	ppm	ASTM D5185m		3742	3155	---
Visc @ 40°C	cSt	ASTM D445	57.0	43.9	41.8	---

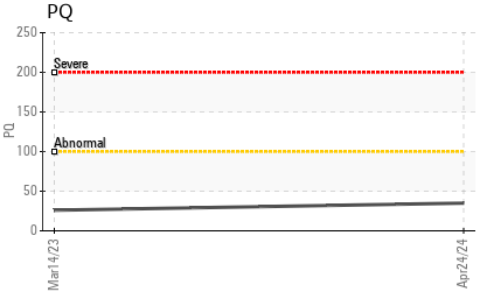
Report Id: LESMAROH [WUSCAR] 06161753 (Generated: 04/28/2024 20:48:02) Rev: 1

Submitted By: STORE 3 - NORTON - BRIAN YOUTZY

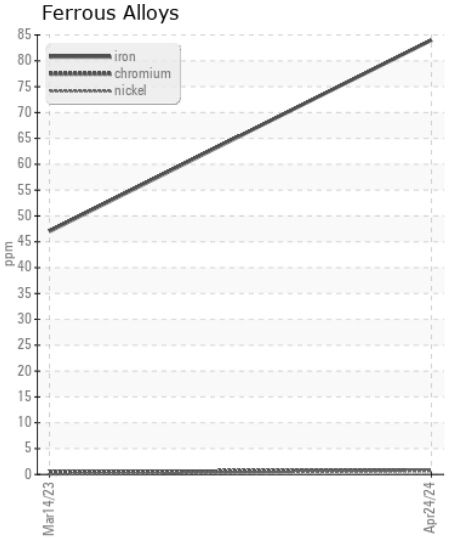
Viscosity @ 40°C



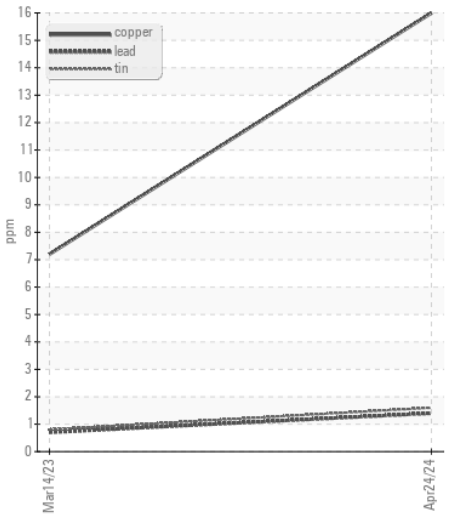
PQ



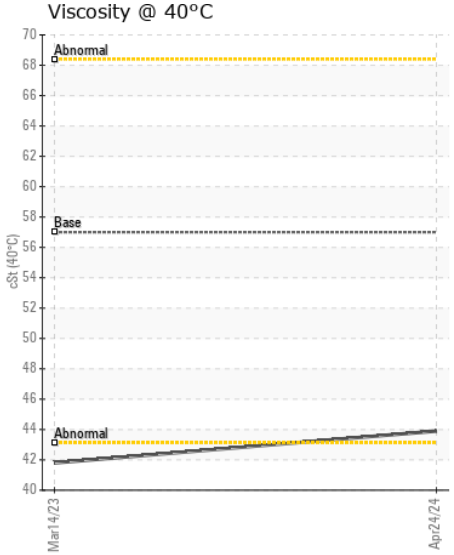
Ferrous Alloys



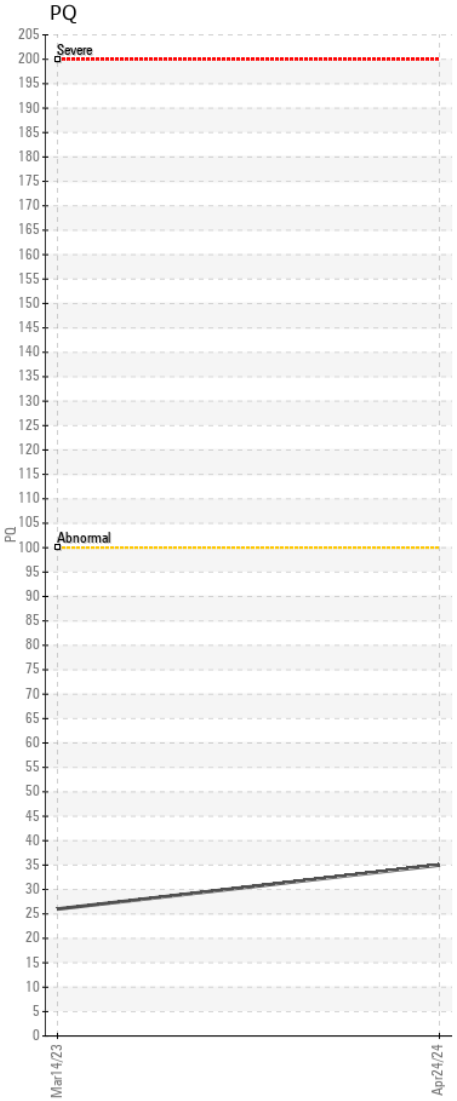
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0040746
Lab Number : 06161753
Unique Number : 10997176
Test Package : CONST (Additional Tests: PQ)

Received : 26 Apr 2024
Tested : 28 Apr 2024
Diagnosed : 28 Apr 2024 - Wes Davis

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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