LESLIE EQUIPMENT CO.

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 2 - Beaver [RO#151288]
Machine Id
JOHN DEERE 904P 1DW904PATPLX07495
Component
Front Axle
Fluid
JOHN DEERE HY-GARD HYD/TRANS (18 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (new oil). (Customer Sample Comment: Prev sample bad/Sampled new oil)

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

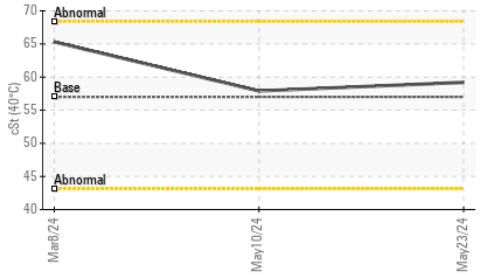
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**LEC0051760**	LEC0050031	LEC0047974
Sample Date		Client Info		**23 May 2024**	10 May 2024	08 Mar 2024
Machine Age	hrs	Client Info		**1247**	1122	585
Oil Age	hrs	Client Info		**1**	537	585
Filter Age	hrs	Client Info		**1**	537	585
Oil Changed		Client Info		**Changed**	Not Changd	Changed
Filter Changed		Client Info		**Changed**	Changed	Changed
Sample Status				**NORMAL**	ABNORMAL	NORMAL
PQ		ASTM D8184		**27**	66	108
Iron	ppm	ASTM D5185m	>750	**22**	80	104
Chromium	ppm	ASTM D5185m	>11	**<1**	1	1
Nickel	ppm	ASTM D5185m	>10	**<1**	2	2
Titanium	ppm	ASTM D5185m		**<1**	<1	<1
Silver	ppm	ASTM D5185m		**<1**	<1	0
Aluminum	ppm	ASTM D5185m	>21	**<1**	2	2
Lead	ppm	ASTM D5185m	>49	**<1**	2	2
Copper	ppm	ASTM D5185m	>101	**10**	35	45
Tin	ppm	ASTM D5185m	>10	**<1**	2	2
Vanadium	ppm	ASTM D5185m		**<1**	<1	<1
White Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silicon	ppm	ASTM D5185m	>31	**6**	11	9
Potassium	ppm	ASTM D5185m	>20	**2**	2	3
Water		WC Method	>0.1	**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	>0.1	**NEG**	▲ 0.2%	NEG
Sodium	ppm	ASTM D5185m	>51	**1**	3	13
Boron	ppm	ASTM D5185m	6	**8**	29	122
Barium	ppm	ASTM D5185m	0	**0**	0	<1
Molybdenum	ppm	ASTM D5185m	0	**1**	4	<1
Manganese	ppm	ASTM D5185m		**3**	11	21
Magnesium	ppm	ASTM D5185m	145	**96**	85	12
Calcium	ppm	ASTM D5185m	3570	**3238**	3344	3545
Phosphorus	ppm	ASTM D5185m	1290	**993**	1145	1279
Zinc	ppm	ASTM D5185m	1640	**1202**	1277	1440
Sulfur	ppm	ASTM D5185m		**3674**	4654	3865
Visc @ 40°C	cSt	ASTM D445	57.0	**59.2**	57.9	65.3

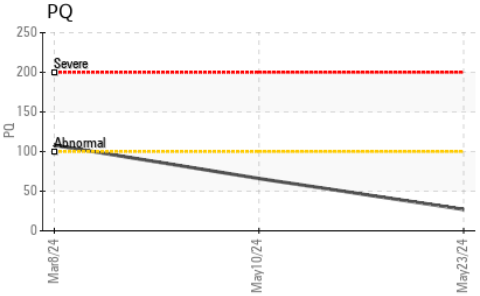
Report Id: LESMAROH [WUSCAR] 06192519 (Generated: 05/30/2024 17:23:31) Rev: 1

Submitted By: STORE 2 - BEAVER - CASEY TONEY

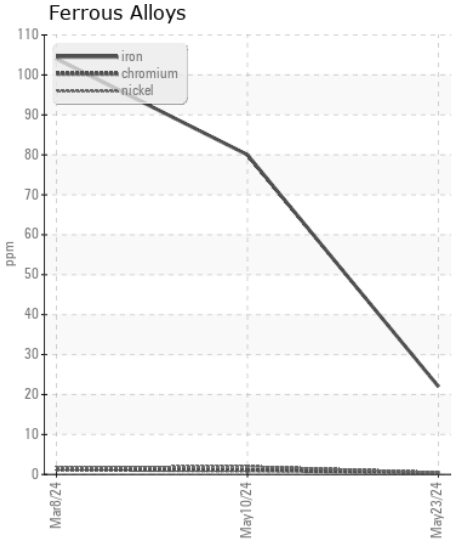
Viscosity @ 40°C



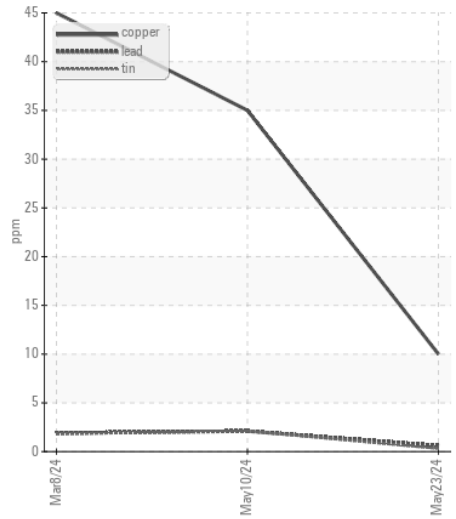
PQ



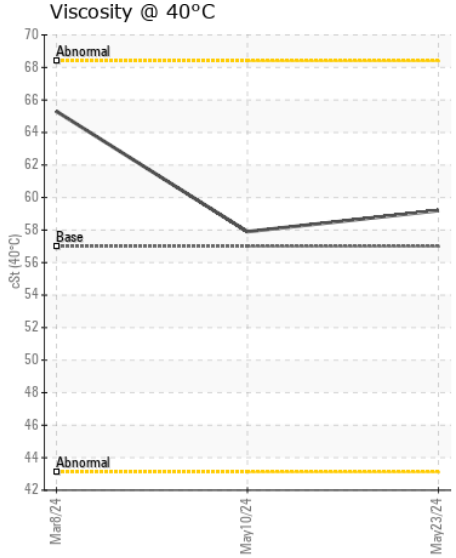
Ferrous Alloys



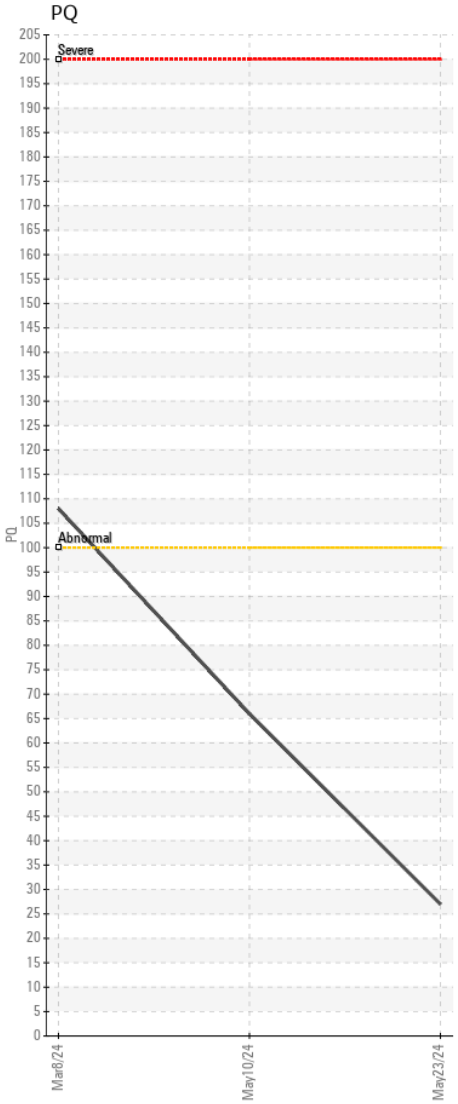
Non-ferrous Metals



Viscosity @ 40°C



PQ



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0051760
Lab Number : 06192519
Unique Number : 11049271
Test Package : CONST (Additional Tests: PQ)

Received : 28 May 2024
Tested : 30 May 2024
Diagnosed : 30 May 2024 - Don Baldridge

Certificate L2367

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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