CONST

LESLIE EQUIPMENT CO.

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Store 1 - Cowen [147365]
Machine Id
JOHN DEERE 550K 1T0550KXKGF300306
Component
Left Final Drive
Fluid
JOHN DEERE HY-GARD HYD/TRANS (2 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

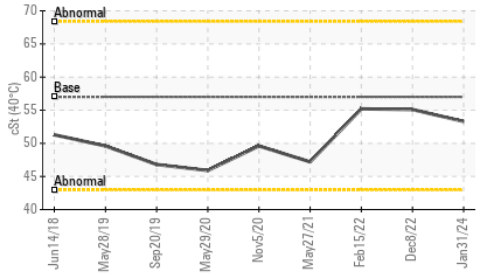
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0047425	LEC0035057	LEC0028008
Sample Date		Client Info		31 Jan 2024	08 Dec 2022	15 Feb 2022
Machine Age	hrs	Client Info		4567	3843	3385
Oil Age	hrs	Client Info		724	458	497
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Changed
Filter Changed		Client Info		None	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184	>1250	73	74	201
Iron	ppm	ASTM D5185m	>750	108	95	132
Chromium	ppm	ASTM D5185m	>9	3	2	3
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		<1	<1	1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	10	7	13
Lead	ppm	ASTM D5185m	>15	0	0	<1
Copper	ppm	ASTM D5185m	>40	<1	<1	<1
Tin	ppm	ASTM D5185m	>10	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	52	41	60
Potassium	ppm	ASTM D5185m	>20	4	0	<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
Sodium	ppm	ASTM D5185m	>51	<1	<1	<1
Boron	ppm	ASTM D5185m	6	<1	0	4
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	2	2	5
Manganese	ppm	ASTM D5185m		<1	1	1
Magnesium	ppm	ASTM D5185m	145	101	95	120
Calcium	ppm	ASTM D5185m	3570	3316	3577	3647
Phosphorus	ppm	ASTM D5185m	1290	981	962	1062
Zinc	ppm	ASTM D5185m	1640	1236	1135	1263
Sulfur	ppm	ASTM D5185m		3480	4064	3195
Visc @ 40°C	cSt	ASTM D445	57.0	53.3	55.1	55.2

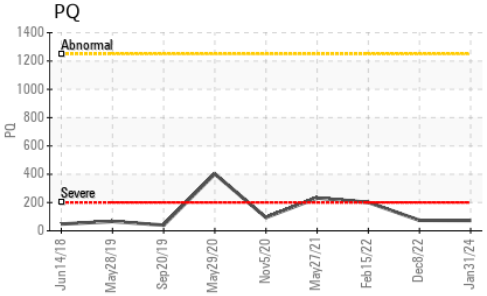
Report Id: LESMAROH [WUSCAR] 06083878 (Generated: 02/12/2024 09:43:28) Rev: 1

Submitted By: STORE 1 - COWEN - JENNIFER ARMENTROUT

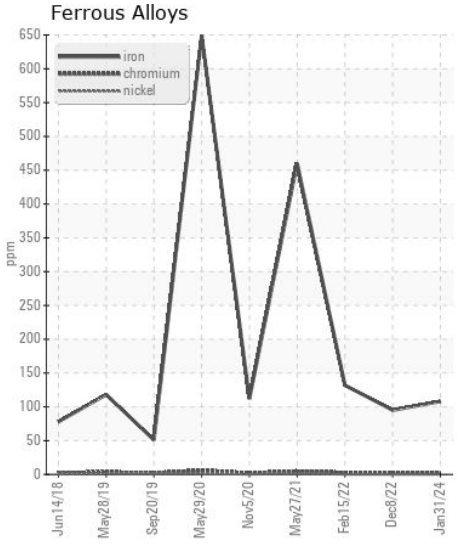
Viscosity @ 40°C



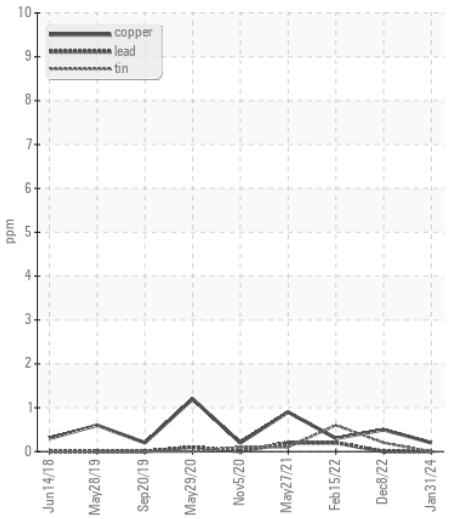
PQ



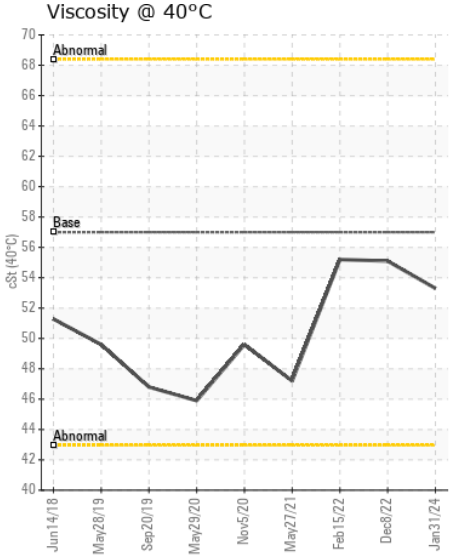
Ferrous Alloys



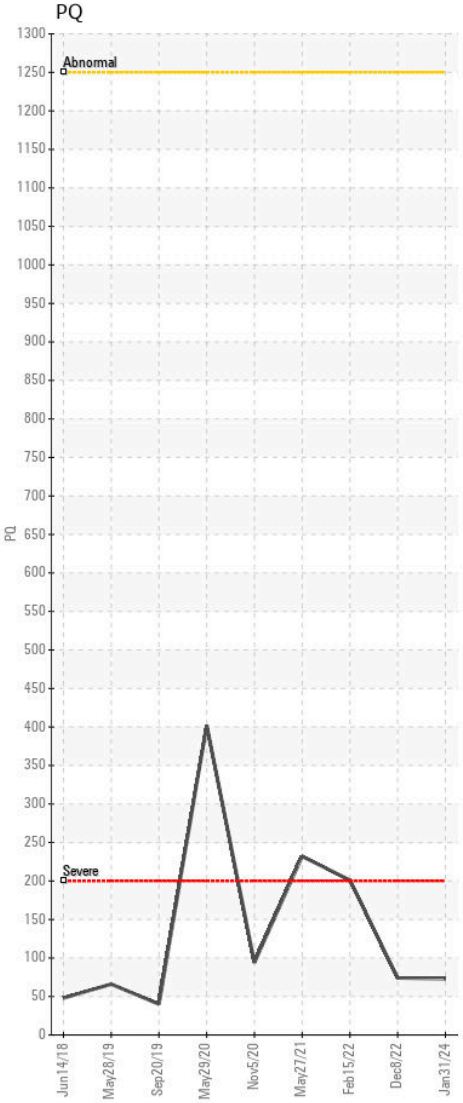
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0047425 **Received** : 08 Feb 2024
Lab Number : 06083878 **Tested** : 09 Feb 2024
Unique Number : 10871323 **Diagnosed** : 09 Feb 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

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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