



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Store 9 - Marietta
Machine Id
JOHN DEERE 350GLC 1FF350GXTHF812127
Component
Right Propel Gearbox
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		LEC0047945	LEC0045490	LEC0043210
Sample Date		Client Info		07 Feb 2024	18 Oct 2023	07 Jul 2023
Machine Age	hrs	Client Info		5091	4707	4273
Oil Age	hrs	Client Info		384	434	372
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		None	None	None
Sample Status				NORMAL	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		34	352	84
Iron	ppm	ASTM D5185m	>1250	26	481	117
Chromium	ppm	ASTM D5185m	>10	0	3	1
Nickel	ppm	ASTM D5185m	>10	0	<1	0
Titanium	ppm	ASTM D5185m		0	2	2
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m		3	▲ 35	▲ 30
Lead	ppm	ASTM D5185m		1	<1	0
Copper	ppm	ASTM D5185m		0	1	2
Tin	ppm	ASTM D5185m		0	0	0
Vanadium	ppm	ASTM D5185m		0	0	<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 oil.

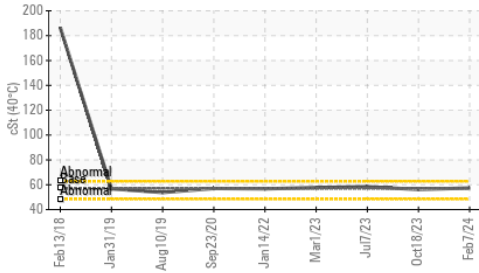
Silicon	ppm	ASTM D5185m		10	▲ 161	▲ 88
Potassium	ppm	ASTM D5185m	>20	<1	9	7
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	LIGHT
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

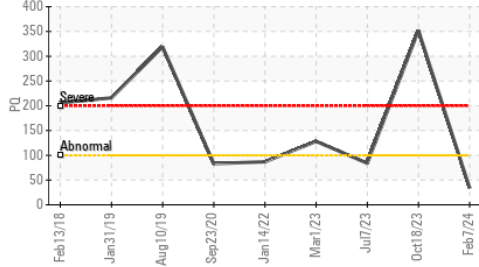
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<1	2	1
Boron	ppm	ASTM D5185m	6	14	4	1
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	9	4	6
Manganese	ppm	ASTM D5185m		1	4	2
Magnesium	ppm	ASTM D5185m	145	125	114	127
Calcium	ppm	ASTM D5185m	3570	3038	3274	3477
Phosphorus	ppm	ASTM D5185m	1290	932	966	1039
Zinc	ppm	ASTM D5185m	1640	1156	1193	1310
Sulfur	ppm	ASTM D5185m		3316	3597	4414
Visc @ 40°C	cSt	ASTM D445	57.0	57.4	56.2	58.4

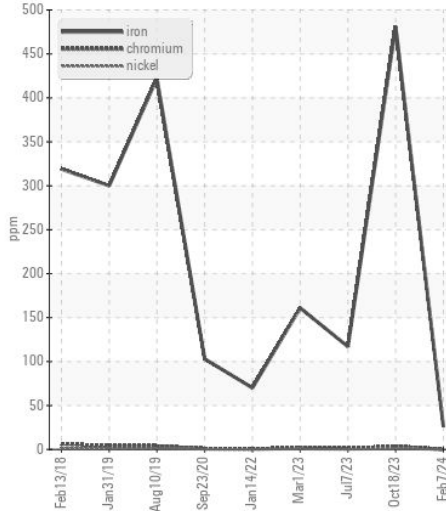
Viscosity @ 40°C



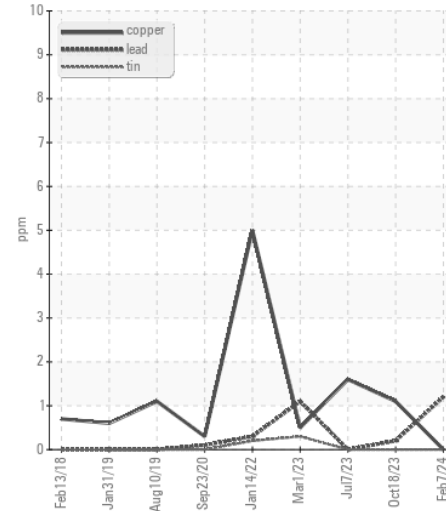
PQ



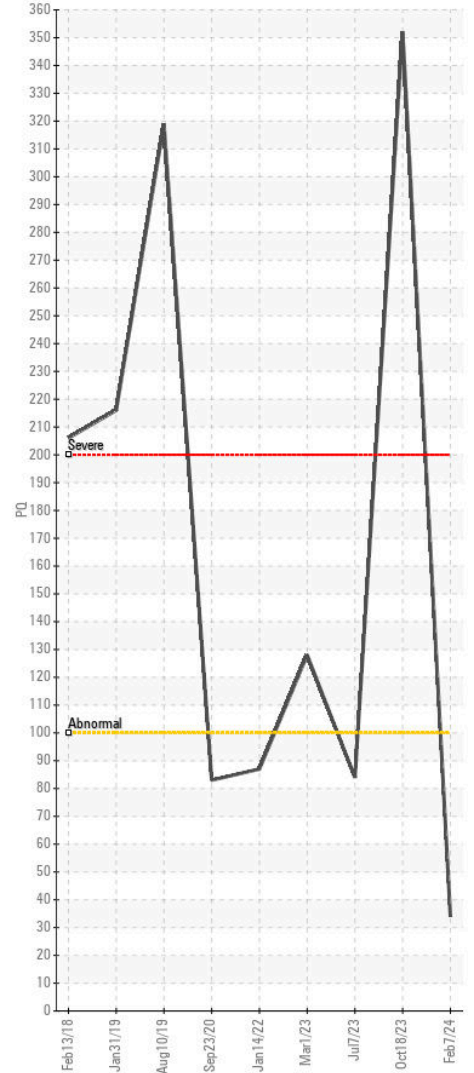
Ferrous Alloys



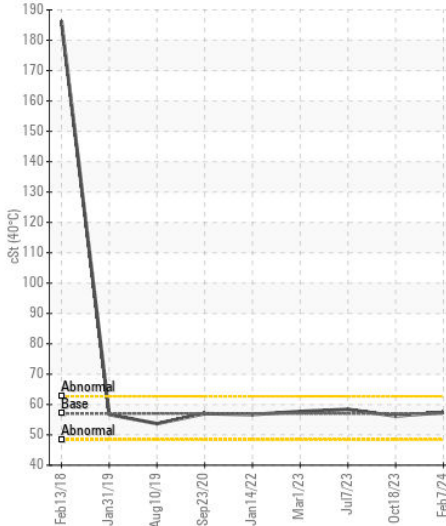
Non-ferrous Metals



PQ



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : LEC0047945 Received : 09 Feb 2024
 Lab Number : 06085055 Tested : 11 Feb 2024
 Unique Number : 10872500 Diagnosed : 11 Feb 2024 - Wes Davis
 Test Package : CONST (Additional Tests: PQ)

LESLIE EQUIPMENT COMPANY
 105 TENNIS CENTER DR.
 MARIETTA, OH
 US 45750-9765
 Contact: LEANNE KENDALL
 KendalLeanne@lec1.com

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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