



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[W66260]

Machine Id

JOHN DEERE 350G 1FF350GXCMF815215

Component

Swing Drive

Fluid

JOHN DEERE GL-5 80W90 (3 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W66260)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0206706	JR0171131	JR0142325
Sample Date		Client Info		23 Apr 2024	13 Jun 2023	02 Mar 2023
Machine Age	hrs	Client Info		3842	3028	2474
Oil Age	hrs	Client Info		814	554	500
Filter Age	hrs	Client Info		0	0	500
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		54	31	26
Iron	ppm	ASTM D5185m	>151	104	50	25
Chromium	ppm	ASTM D5185m	>11	<1	<1	<1
Nickel	ppm	ASTM D5185m	>10	0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>21	1	2	<1
Lead	ppm	ASTM D5185m	>51	0	0	0
Copper	ppm	ASTM D5185m	>51	0	1	0
Tin	ppm	ASTM D5185m	>10	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

There is no indication of any contamination in the oil.

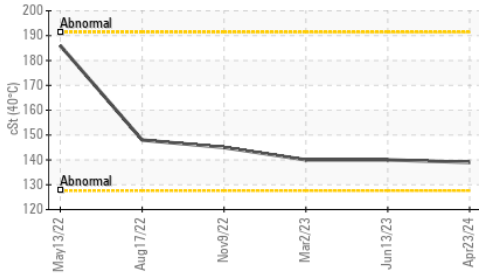
Silicon	ppm	ASTM D5185m	>31	12	2	2
Potassium	ppm	ASTM D5185m	>20	0	3	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

FLUID CONDITION

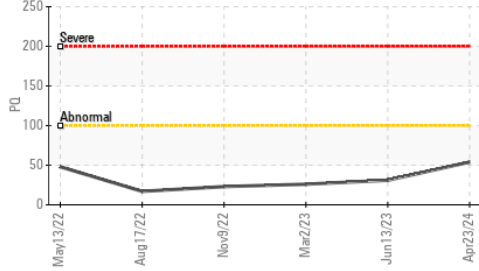
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	0	1	<1
Boron	ppm	ASTM D5185m		37	84	86
Barium	ppm	ASTM D5185m		<1	0	0
Molybdenum	ppm	ASTM D5185m		0	7	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		4	2	<1
Calcium	ppm	ASTM D5185m		9	35	8
Phosphorus	ppm	ASTM D5185m		743	647	610
Zinc	ppm	ASTM D5185m		4	7	5
Sulfur	ppm	ASTM D5185m		23842	24055	21725
Visc @ 40°C	cSt	ASTM D445		139	140	140

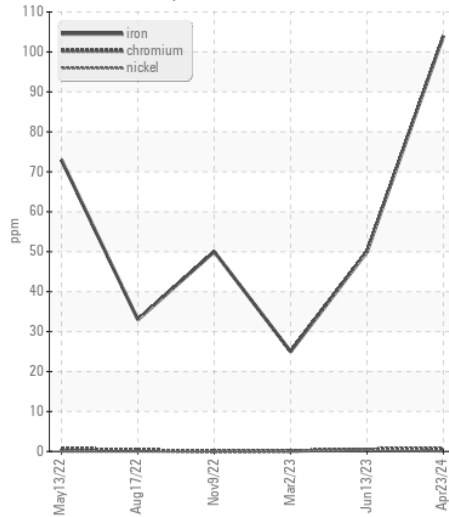
Viscosity @ 40°C



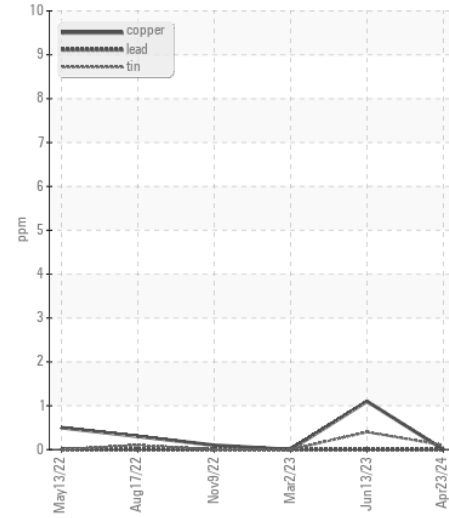
PQ



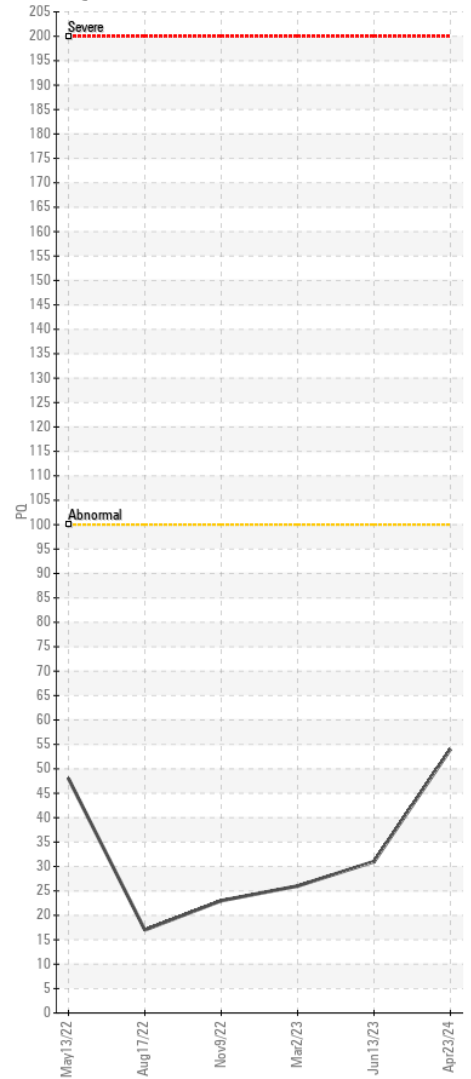
Ferrous Alloys



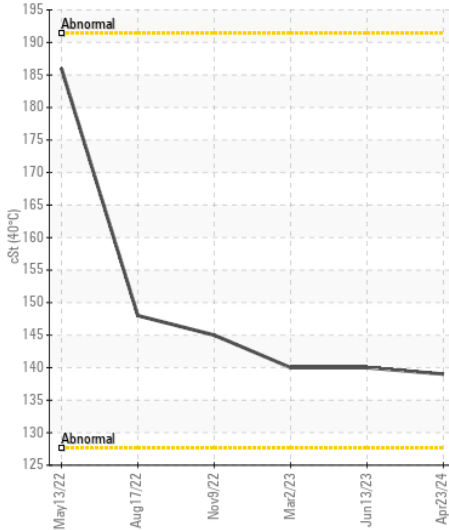
Non-ferrous Metals



PQ



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0206706 **Received** : 25 Apr 2024
Lab Number : 06160648 **Tested** : 26 Apr 2024
Unique Number : 10996071 **Diagnosed** : 27 Apr 2024 - Don Baldrige
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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