



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 770G MG-6
Component
Axle
Fluid
TDH FLUID SAE 75W80 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CL0005334	CL0004803	CL0004330
Sample Date		Client Info		17 Apr 2024	10 Oct 2023	27 May 2023
Machine Age	hrs	Client Info		1515	990	490
Oil Age	hrs	Client Info		1515	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Not Changed	Changed	Not Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>750	91	85	54
Chromium	ppm	ASTM D5185m	>11	1	<1	<1
Nickel	ppm	ASTM D5185m	>10	1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	0	<1
Aluminum	ppm	ASTM D5185m	>21	2	1	0
Lead	ppm	ASTM D5185m	>49	4	4	2
Copper	ppm	ASTM D5185m	>101	25	20	13
Tin	ppm	ASTM D5185m	>10	3	2	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

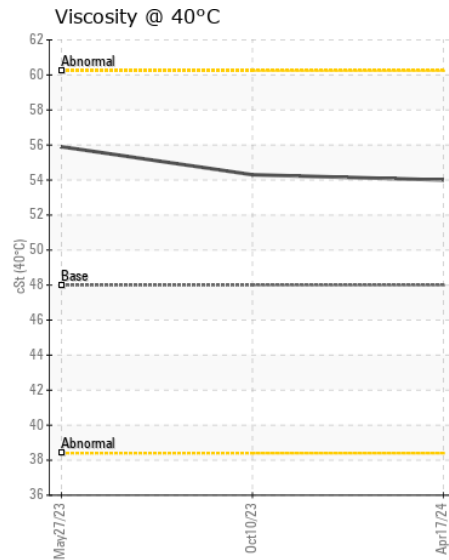
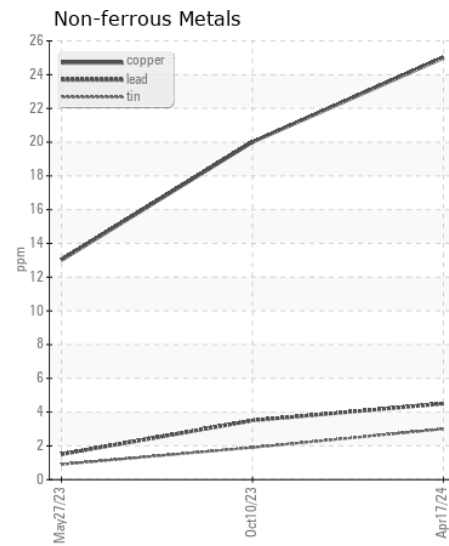
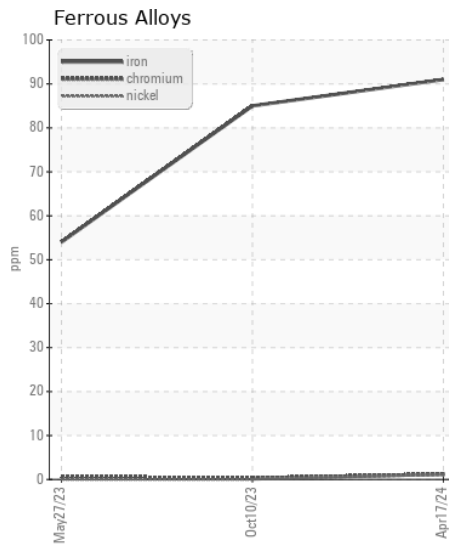
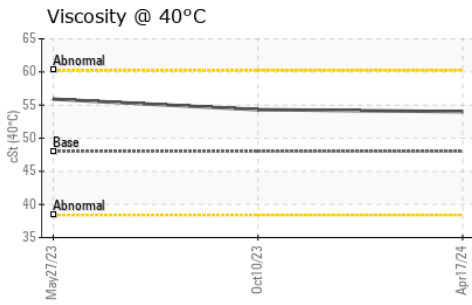
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	6	6	4
Potassium	ppm	ASTM D5185m	>20	2	0	<1
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	3	2
Boron	ppm	ASTM D5185m	10	<1	8	0
Barium	ppm	ASTM D5185m	10	3	0	2
Molybdenum	ppm	ASTM D5185m	10	2	0	<1
Manganese	ppm	ASTM D5185m		3	2	2
Magnesium	ppm	ASTM D5185m	100	91	95	99
Calcium	ppm	ASTM D5185m	3500	3451	3404	3585
Phosphorus	ppm	ASTM D5185m	1150	1034	1057	1028
Zinc	ppm	ASTM D5185m	1150	1192	1270	1261
Sulfur	ppm	ASTM D5185m	5000	4052	4274	4402
Visc @ 40°C	cSt	ASTM D445	48	54.0	54.3	55.9



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : CL0005334

Lab Number : 06159909

Unique Number : 10995332

Test Package : CONST

Received : 24 Apr 2024

Tested : 25 Apr 2024

Diagnosed : 25 Apr 2024 - Wes Davis

PEDULLA
 146 MCLELLAND
 MOORESVILLE, NC
 US 28115
 Contact: LARRY

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)

T:
F: