



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



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

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CL0005339	CL0004808	CL0004334
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	>200	30	33	25
Chromium	ppm	ASTM D5185m	>5	<1	0	0
Nickel	ppm	ASTM D5185m	>5	1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>7	<1	0	0
Aluminum	ppm	ASTM D5185m	>25	2	<1	<1
Lead	ppm	ASTM D5185m	>45	2	<1	<1
Copper	ppm	ASTM D5185m	>225	15	13	11
Tin	ppm	ASTM D5185m	>10	1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

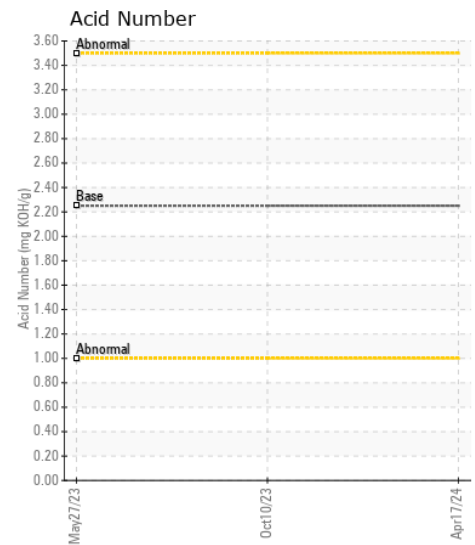
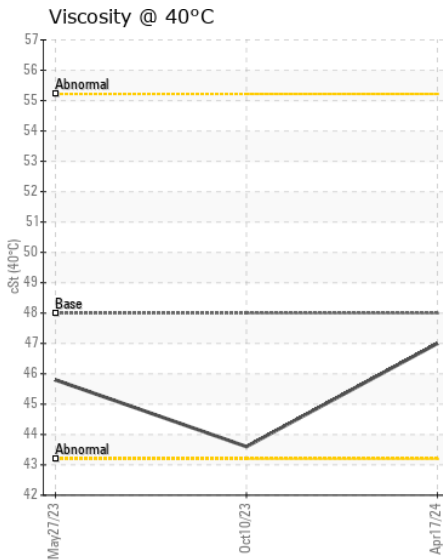
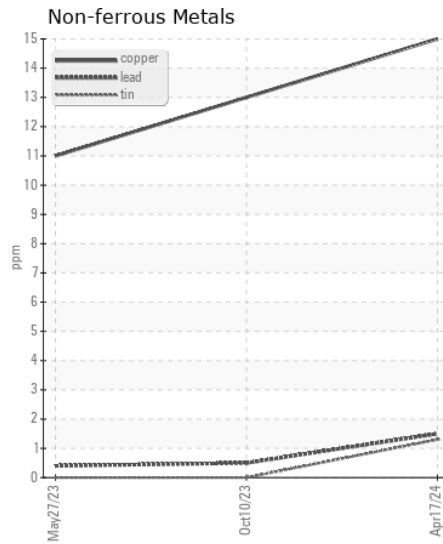
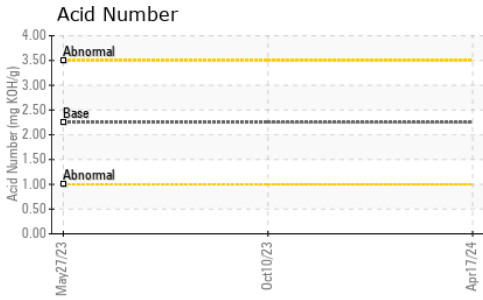
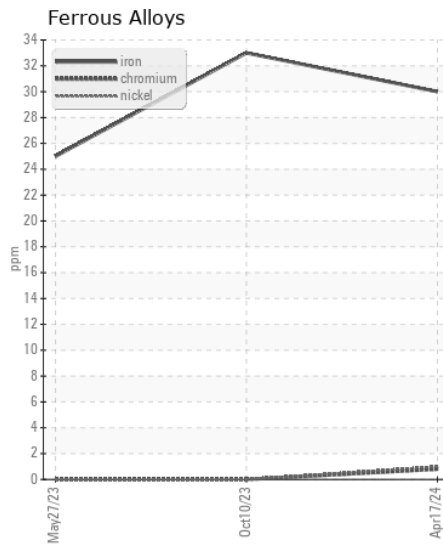
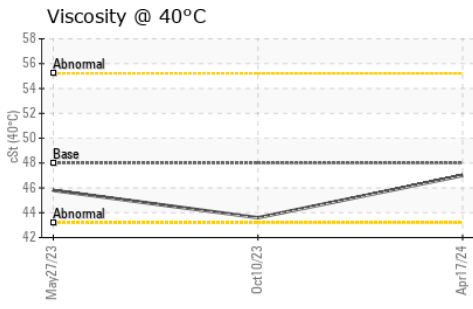
There is no indication of any contamination in the component.

Silicon	ppm	ASTM D5185m	>125	7	6	5
Potassium	ppm	ASTM D5185m	>20	3	<1	3
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	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		2	5	<1
Boron	ppm	ASTM D5185m	10	12	3	0
Barium	ppm	ASTM D5185m	10	2	0	0
Molybdenum	ppm	ASTM D5185m	10	2	0	<1
Manganese	ppm	ASTM D5185m		8	6	5
Magnesium	ppm	ASTM D5185m	100	79	88	84
Calcium	ppm	ASTM D5185m	3500	3463	3474	3565
Phosphorus	ppm	ASTM D5185m	1150	1062	1095	1064
Zinc	ppm	ASTM D5185m	1150	1233	1296	1242
Sulfur	ppm	ASTM D5185m	5000	5954	4162	3891
Visc @ 40°C	cSt	ASTM D445	48	47.0	43.6	45.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : CL0005339 **Received** : 24 Apr 2024
Lab Number : 06159942 **Tested** : 26 Apr 2024
Unique Number : 10995365 **Diagnosed** : 26 Apr 2024 - Sean Felton
Test Package : CONST (Additional Tests: PrtCount)

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)

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F: