



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Machine Id
JOHN DEERE 333G 1T0333GMEMF392598
 Component
Right Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0219260	JR0124867	JR0089357
Sample Date		Client Info		15 Jul 2024	22 Apr 2022	09 Jul 2021
Machine Age	hrs	Client Info		1145	926	475
Oil Age	hrs	Client Info		219	926	0
Filter Age	hrs	Client Info		219	0	0
Oil Changed		Client Info		N/A	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	29	43	143
Iron	ppm	ASTM D5185m	>750	61	▲ 907	▲ 1280
Chromium	ppm	ASTM D5185m	>9	<1	11	17
Nickel	ppm	ASTM D5185m	>10	0	5	8
Titanium	ppm	ASTM D5185m		<1	2	2
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>40	2	15	11
Lead	ppm	ASTM D5185m	>15	0	0	1
Copper	ppm	ASTM D5185m	>40	0	2	3
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

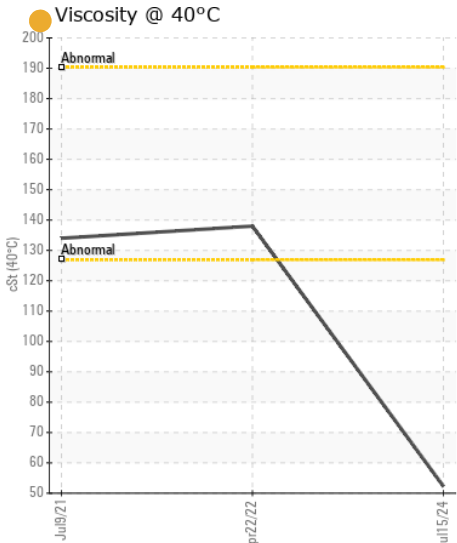
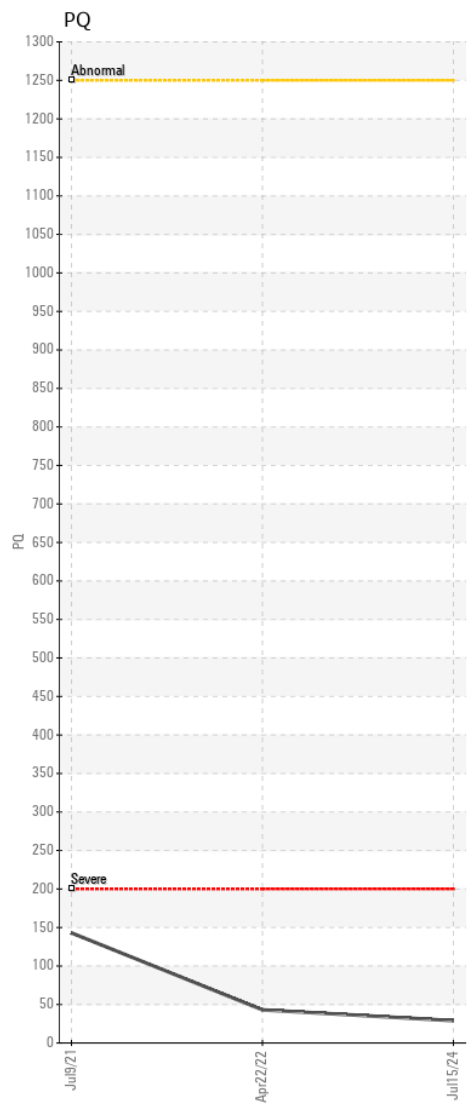
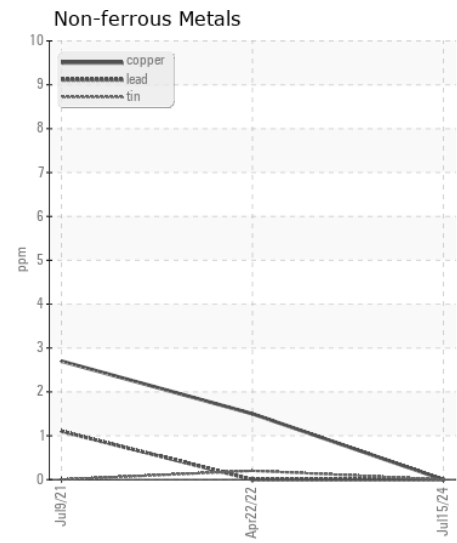
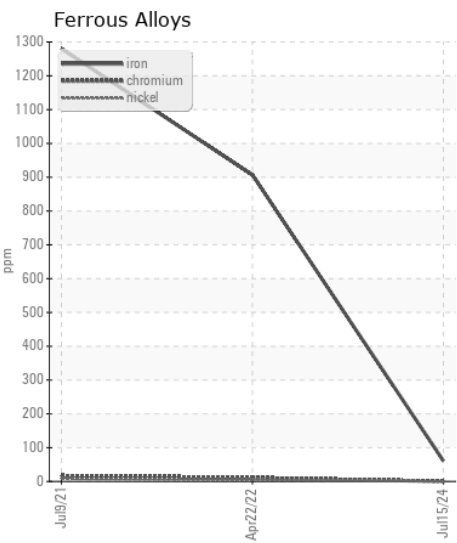
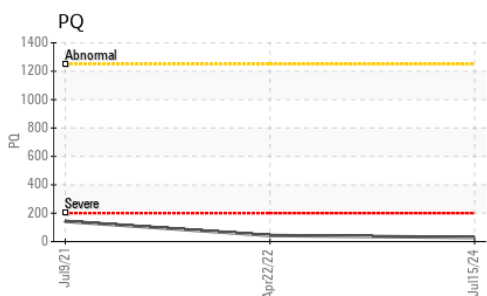
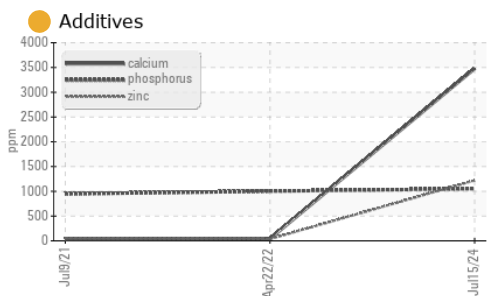
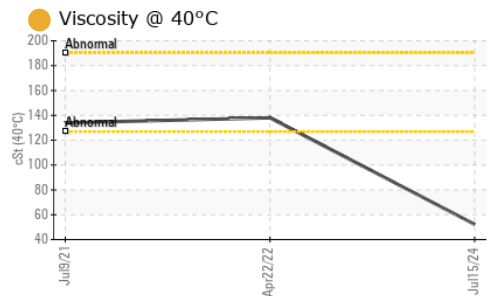
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	8	65	53
Potassium	ppm	ASTM D5185m	>20	<1	11	24
Water		WC Method	>0.075	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	>0.075	NEG	NEG	NEG

FLUID CONDITION

The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Sodium	ppm	ASTM D5185m	>51	2	7	13
Boron	ppm	ASTM D5185m		0	151	131
Barium	ppm	ASTM D5185m		0	24	83
Molybdenum	ppm	ASTM D5185m		0	2	2
Manganese	ppm	ASTM D5185m		<1	9	15
Magnesium	ppm	ASTM D5185m		113	6	13
Calcium	ppm	ASTM D5185m		3478	43	32
Phosphorus	ppm	ASTM D5185m		1051	1002	948
Zinc	ppm	ASTM D5185m		1218	35	50
Sulfur	ppm	ASTM D5185m		4019	22396	23651
Visc @ 40°C	cSt	ASTM D445		52.3	138	134



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0219260 **Received** : 17 Jul 2024
Lab Number : 06239423 **Tested** : 18 Jul 2024
Unique Number : 11128257 **Diagnosed** : 19 Jul 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

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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)