James River Equipment

CONST | **OIL ANALYSIS REPORT**

WEAR	**NORMAL**
CONTAMINATION	**NORMAL**
FLUID CONDITION	**NORMAL**

Area
[W67292]
Machine Id
JOHN DEERE 750L 1T0750LXLPF453119
Component
Rear Left Transmission
Fluid
JOHN DEERE HYDRAU (28 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W67292)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0220223	---	---
Sample Date		Client Info		27 Jun 2024	---	---
Machine Age	hrs	Client Info		1053	---	---
Oil Age	hrs	Client Info		1053	---	---
Filter Age	hrs	Client Info		1053	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

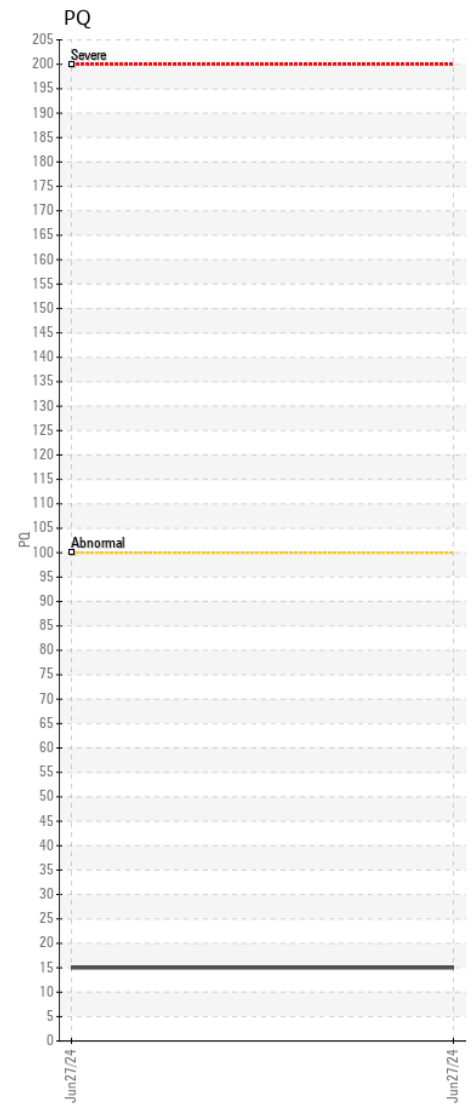| Test	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184	>100	15	---	---
Iron	ppm	ASTM D5185m	>61	10	---	---
Chromium	ppm	ASTM D5185m	>10	0	---	---
Nickel	ppm	ASTM D5185m		<1	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>20	0	---	---
Lead	ppm	ASTM D5185m	>9	0	---	---
Copper	ppm	ASTM D5185m	>100	7	---	---
Tin	ppm	ASTM D5185m	>3	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

There is no indication of any contamination in the fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>21	2	---	---
Potassium	ppm	ASTM D5185m	>20	6	---	---
Water		WC Method	>0.075	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.075	NEG	---	---

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m	>30	4	---	---
Boron	ppm	ASTM D5185m		6	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		1	---	---
Magnesium	ppm	ASTM D5185m		2	---	---
Calcium	ppm	ASTM D5185m	87	99	---	---
Phosphorus	ppm	ASTM D5185m	727	636	---	---
Zinc	ppm	ASTM D5185m	900	781	---	---
Sulfur	ppm	ASTM D5185m	1500	1764	---	---
Visc @ 40°C	cSt	ASTM D445	65	55.9	---	---
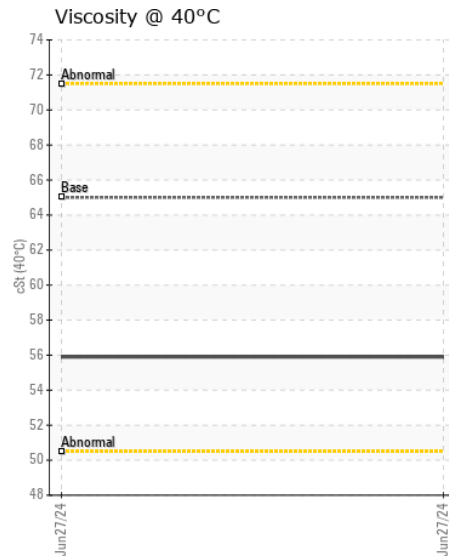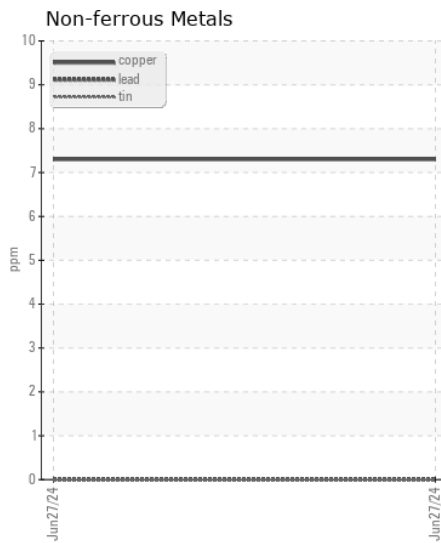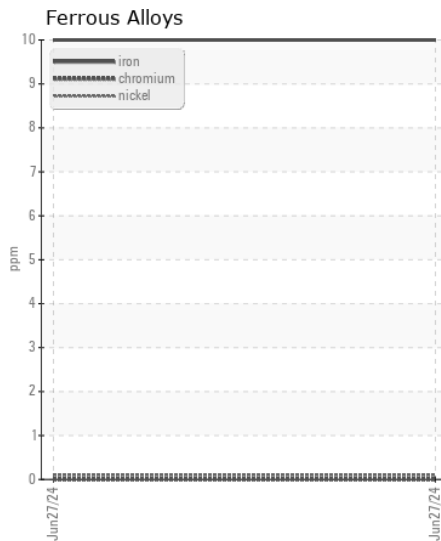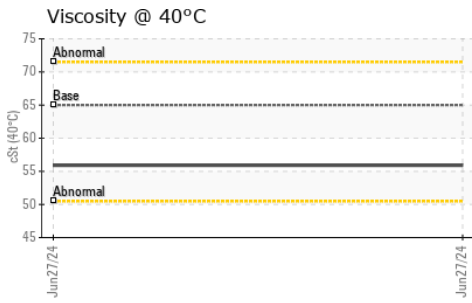
Viscosity @ 40°C

cSt (40°C)

Abnormal — 71
Base — 65
— 55
Abnormal — 50

Jun27/24 — Jun27/24

PQ

PQ

Severe — 200
Abnormal — 100

Jun27/24 — Jun27/24

Ferrous Alloys

ppm

- iron
- chromium
- nickel

Jun27/24 — Jun27/24

Non-ferrous Metals

ppm

- copper
- lead
- tin

Jun27/24 — Jun27/24

Viscosity @ 40°C

cSt (40°C)

Abnormal — 72
Base — 65
— 56
Abnormal — 50

Jun27/24 — Jun27/24

PQ

PQ

Severe — 200
Abnormal — 100
— 15

Jun27/24 — Jun27/24

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)

ANAB ACCREDITED TESTING LABORATORY
Certificate L2367