OIL ANALYSIS REPORT

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

Area
[A34722]
Machine Id
JOHN DEERE 160G LC 1FF160GXANF058459
Component
Left Final Drive
Fluid
JOHN DEERE GL-5 80W90 (1 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: A34722)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WE0006598	---	---
Sample Date		Client Info		21 Feb 2024	---	---
Machine Age	hrs	Client Info		398	---	---
Oil Age	hrs	Client Info		398	---	---
Filter Age	hrs	Client Info		398	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		None	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

| Test	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184	>1250	85	---	---
Iron	ppm	ASTM D5185m	>750	82	---	---
Chromium	ppm	ASTM D5185m	>9	2	---	---
Nickel	ppm	ASTM D5185m	>10	<1	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>40	1	---	---
Lead	ppm	ASTM D5185m	>15	0	---	---
Copper	ppm	ASTM D5185m	>40	<1	---	---
Tin	ppm	ASTM D5185m	>10	<1	---	---
Vanadium	ppm	ASTM D5185		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

There is no indication of any contamination in the component.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>75	17	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
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 oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m	>51	<1	---	---
Boron	ppm	ASTM D5185m		62	---	---
Barium	ppm	ASTM D5185m		6	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		10	---	---
Magnesium	ppm	ASTM D5185m		2	---	---
Calcium	ppm	ASTM D5185m		13	---	---
Phosphorus	ppm	ASTM D5185m		487	---	---
Zinc	ppm	ASTM D5185m		18	---	---
Sulfur	ppm	ASTM D5185m		14607	---	---
Visc @ 40°C	cSt	ASTM D445		185	---	---
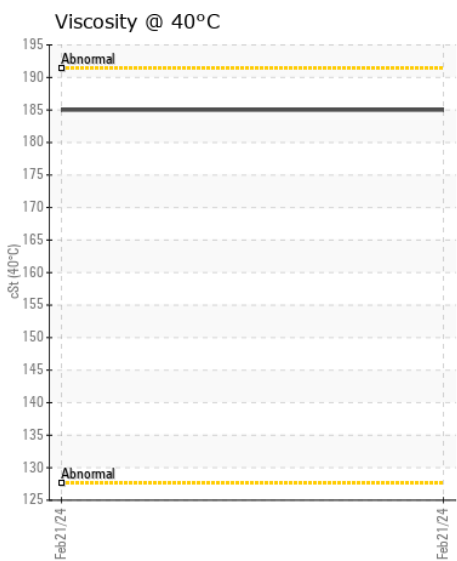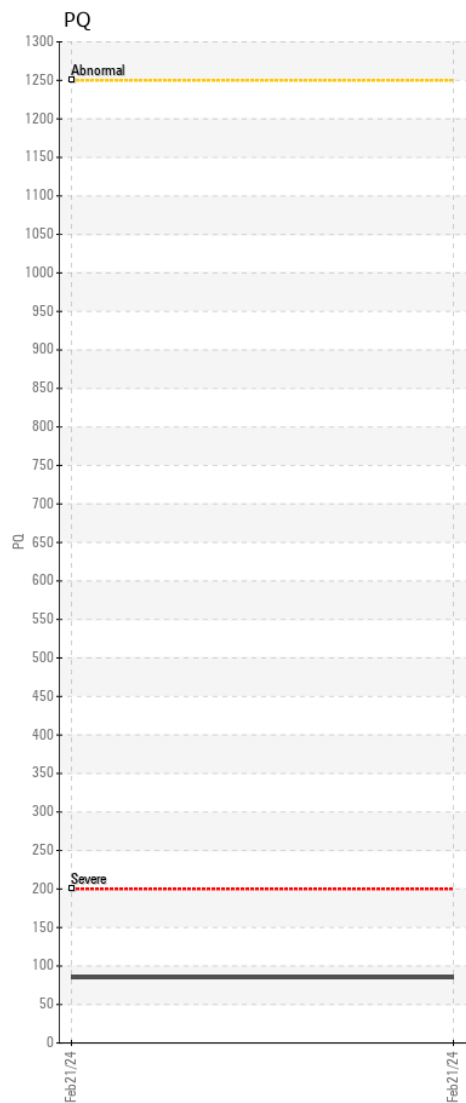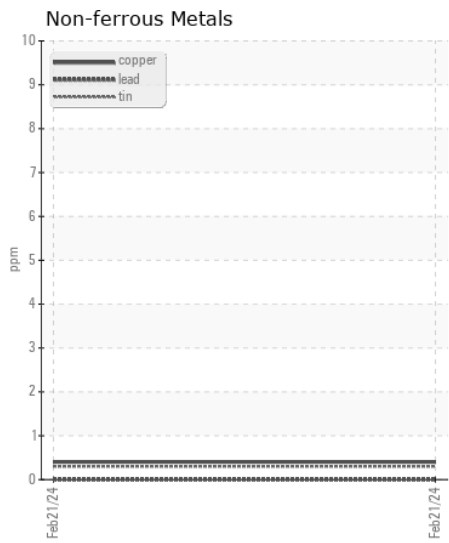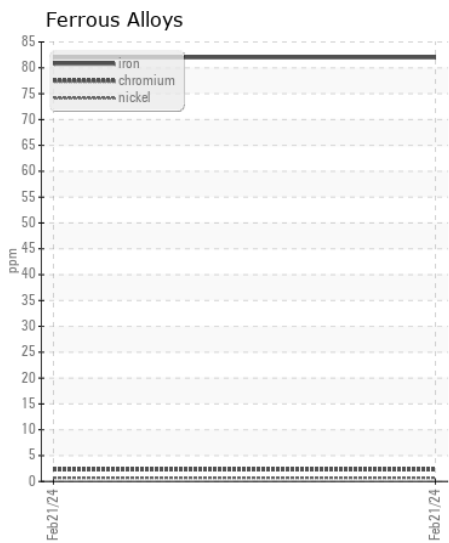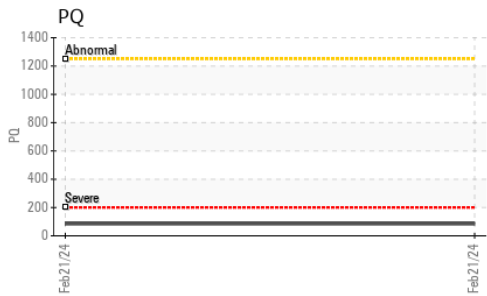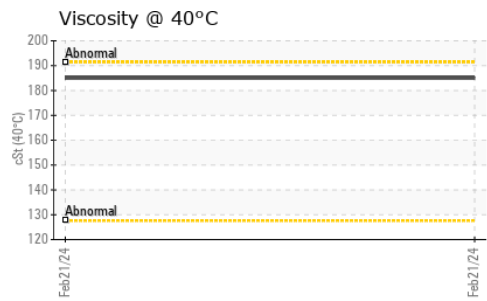
Viscosity @ 40°C

PQ

Ferrous Alloys

Non-ferrous Metals

Viscosity @ 40°C

PQ

Certificate L2367

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)