OIL ANALYSIS REPORT

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

Area
[127483]
Machine Id
JOHN DEERE 135G 1FF135GXTMF503208
Component
Right Final Drive
Fluid
GEAR OIL SAE 80W90 (--- 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		**WE0007881**	---	---
Sample Date		Client Info		**28 Jun 2024**	---	---
Machine Age	hrs	Client Info		**467**	---	---
Oil Age	hrs	Client Info		**0**	---	---
Filter Age	hrs	Client Info		**0**	---	---
Oil Changed		Client Info		**N/A**	---	---
Filter Changed		Client Info		**N/A**	---	---
Sample Status				**NORMAL**	---	---

WEAR

All component wear rates are normal.

Test	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184	>1250	**27**	---	---
Iron	ppm	ASTM D5185m	>750	**89**	---	---
Chromium	ppm	ASTM D5185m	>9	**2**	---	---
Nickel	ppm	ASTM D5185m	>10	**<1**	---	---
Titanium	ppm	ASTM D5185m		**<1**	---	---
Silver	ppm	ASTM D5185m		**<1**	---	---
Aluminum	ppm	ASTM D5185m	>40	**3**	---	---
Lead	ppm	ASTM D5185m	>15	**<1**	---	---
Copper	ppm	ASTM D5185m	>40	**1**	---	---
Tin	ppm	ASTM D5185m	>10	**<1**	---	---
Vanadium	ppm	ASTM D5185m		**<1**	---	---
White Metal	scalar	*Visual	NONE	**NONE**	---	---
Yellow Metal	scalar	*Visual	NONE	**NONE**	---	---

CONTAMINATION
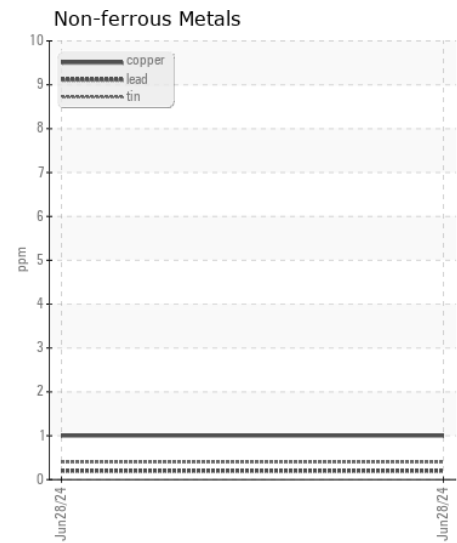
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>75	**19**	---	---
Potassium	ppm	ASTM D5185m	>20	**5**	---	---
Water		WC Method	>0.075	**NEG**	---	---
Silt	scalar	*Visual	NONE	**NONE**	---	---
Debris	scalar	*Visual	NONE	**LIGHT**	---	---
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	>170	**0**	---	---
Boron	ppm	ASTM D5185m	400	**59**	---	---
Barium	ppm	ASTM D5185m	200	**7**	---	---
Molybdenum	ppm	ASTM D5185m	12	**4**	---	---
Manganese	ppm	ASTM D5185m		**2**	---	---
Magnesium	ppm	ASTM D5185m	12	**12**	---	---
Calcium	ppm	ASTM D5185m	150	**41**	---	---
Phosphorus	ppm	ASTM D5185m	1650	**497**	---	---
Zinc	ppm	ASTM D5185m	125	**71**	---	---
Sulfur	ppm	ASTM D5185m	22500	**13304**	---	---
Visc @ 40°C	cSt	ASTM D445	143	**179**	---	---
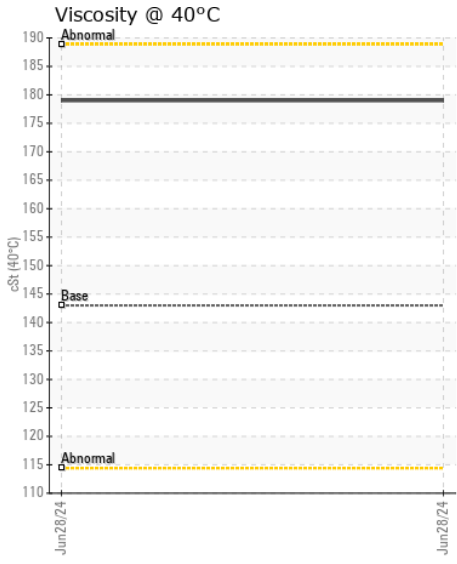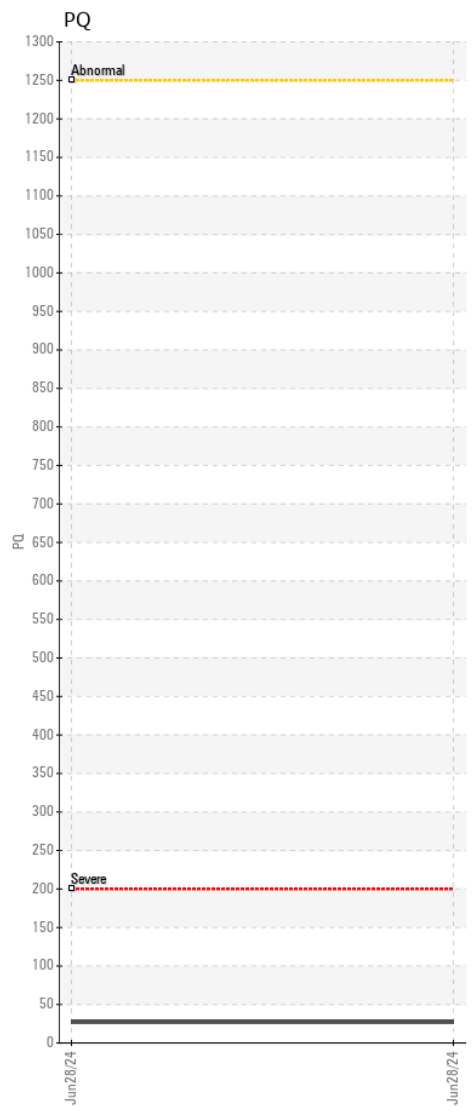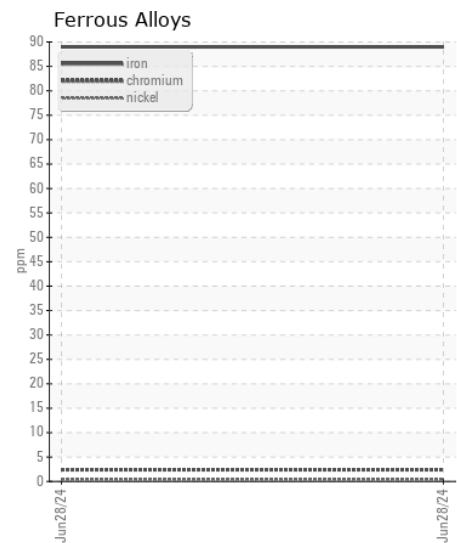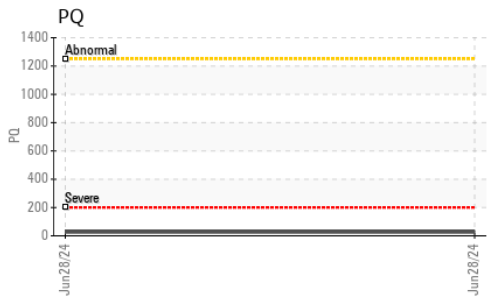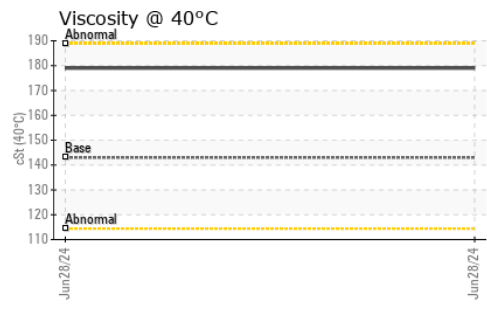
Viscosity @ 40°C

PQ

Ferrous Alloys

Legend: iron, chromium, nickel

Non-ferrous Metals

Legend: copper, lead, tin

Viscosity @ 40°C

PQ

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)

Certificate L2367

ANAB ACCREDITED TESTING LABORATORY