



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ABNORMAL

Machine Id
JOHN DEERE 135G TH50 (S/N 1FF135GXHLF502008)

Component
Hydraulic System

Fluid
DURALENE Trans-Flo UTF (--- QTS)

RECOMMENDATION

Recommend drain oil if not already done. Reduce drain interval to 2000 hours or drain and flush and use recommended zinc free oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		DC0033591	---	---
Sample Date		Client Info		10 Jan 2024	---	---
Machine Age	hrs	Client Info		0	---	---
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				ABNORMAL	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>32	20	---	---
Chromium	ppm	ASTM D5185m	>9	<1	---	---
Nickel	ppm	ASTM D5185m	>5	0	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>9	3	---	---
Lead	ppm	ASTM D5185m	>28	2	---	---
Copper	ppm	ASTM D5185m	>50	9	---	---
Tin	ppm	ASTM D5185m	>5	1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

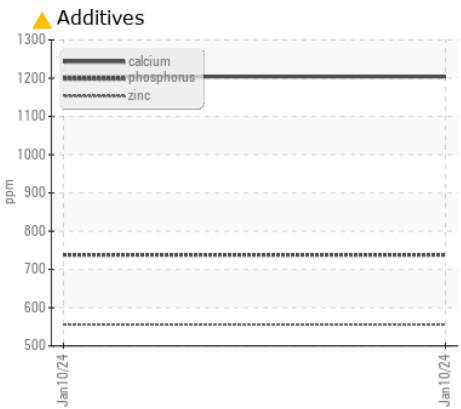
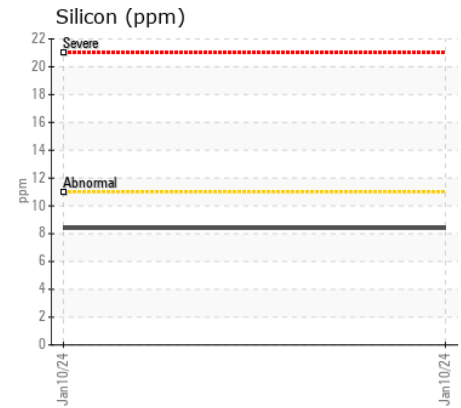
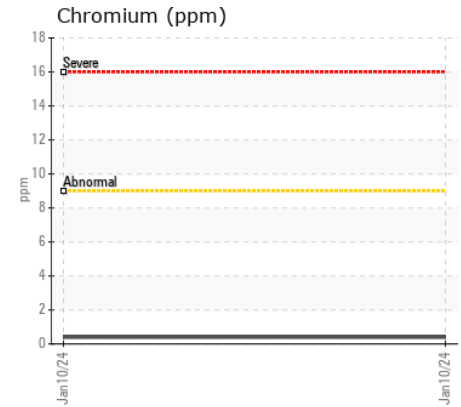
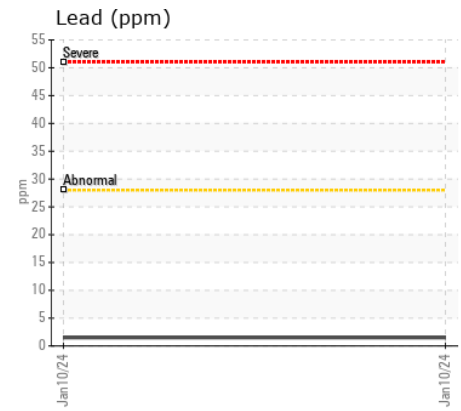
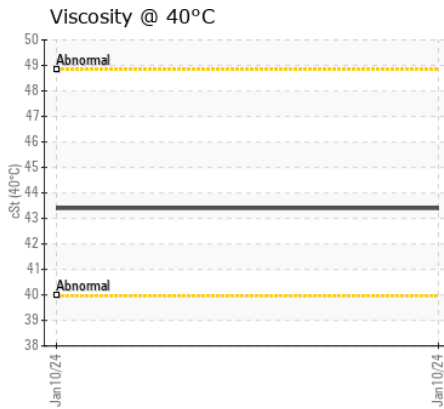
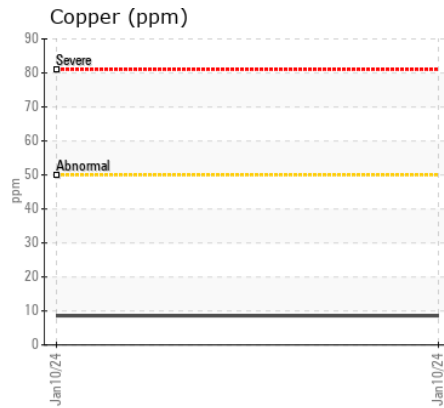
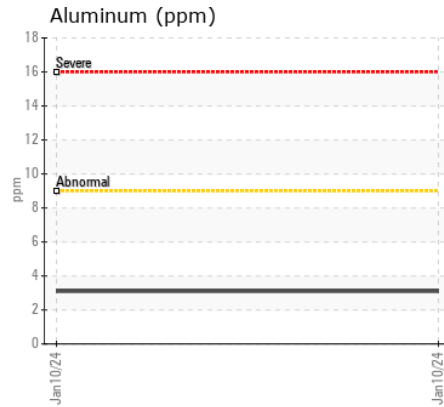
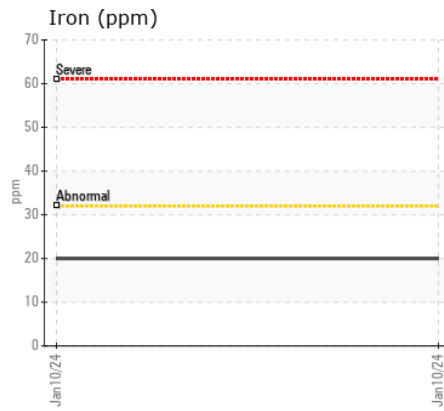
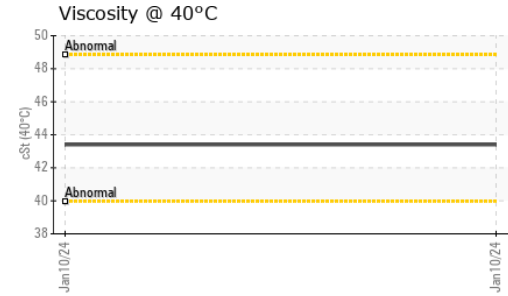
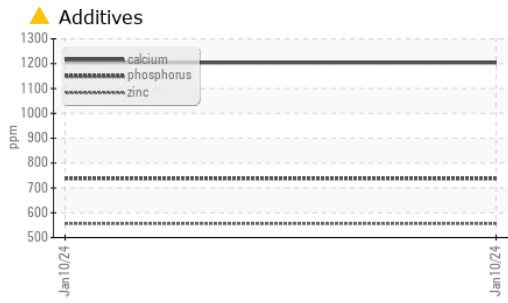
No other contaminants were detected in the oil.

Silicon	ppm	ASTM D5185m	>11	8	---	---
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

Zinc level above manufacturer's recommendations.

Sodium	ppm	ASTM D5185m	>21	4	---	---
Boron	ppm	ASTM D5185m		27	---	---
Barium	ppm	ASTM D5185m		2	---	---
Molybdenum	ppm	ASTM D5185m		3	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		16	---	---
Calcium	ppm	ASTM D5185m		1204	---	---
Phosphorus	ppm	ASTM D5185m		738	---	---
Zinc	ppm	ASTM D5185m		▲ 556	---	---
Sulfur	ppm	ASTM D5185m		1560	---	---
Visc @ 40°C	cSt	ASTM D445		43.4	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : DC0033591 **Received** : 10 Jan 2024
Lab Number : 06057558 **Diagnosed** : 12 Jan 2024
Unique Number : 10823507 **Diagnostician** : Don Baldrige
Test Package : MOB 1

MAGSTONE
 4141 BARKHILL RD
 UNION BRIDGE, MD
 US 21791

Contact: SERVICE MANAGER
 BE.MAGSTONE@GMAIL.COM

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)

T:
 F: