MOBIL LUBE 360 OIL DIAGNOSTICS

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ABNORMAL

Machine Id
JOHN DEERE 672GP 2401800
Component
Rear Transmission (Manual)
Fluid
PETRO CANADA DURATRAN (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the fluid.

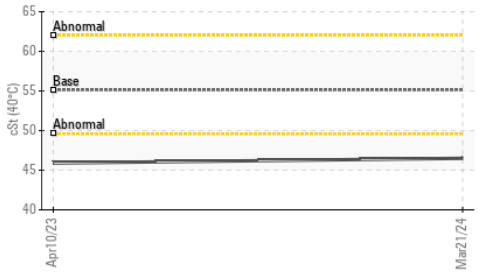
FLUID CONDITION

The fluid viscosity is lower than typical, possibly indicating the addition of lighter grade fluid. The condition of the fluid is acceptable for the time in service.

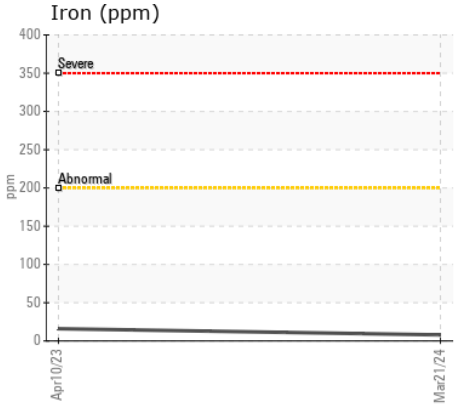
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0089007	PC0072561	---
Sample Date		Client Info		21 Mar 2024	10 Apr 2023	---
Machine Age	hrs	Client Info		4825	3793	---
Oil Age	hrs	Client Info		1000	1000	---
Filter Age	hrs	Client Info		1000	1000	---
Oil Changed		Client Info		Not Changd	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				ABNORMAL	ABNORMAL	---
Iron	ppm	ASTM D5185(m)	>200	8	16	---
Chromium	ppm	ASTM D5185(m)	>5	0	0	---
Nickel	ppm	ASTM D5185(m)	>5	0	0	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)	>7	0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	<1	2	---
Lead	ppm	ASTM D5185(m)	>45	0	2	---
Copper	ppm	ASTM D5185(m)	>225	4	6	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185(m)	>125	3	7	---
Potassium	ppm	ASTM D5185(m)	>20	<1	0	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	VLITE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	---
Sodium	ppm	ASTM D5185(m)		3	8	---
Boron	ppm	ASTM D5185(m)	110	25	70	---
Barium	ppm	ASTM D5185(m)	0.0	<1	0	---
Molybdenum	ppm	ASTM D5185(m)	0.0	2	3	---
Manganese	ppm	ASTM D5185(m)	1	<1	3	---
Magnesium	ppm	ASTM D5185(m)	13	46	56	---
Calcium	ppm	ASTM D5185(m)	3610	2445	3051	---
Phosphorus	ppm	ASTM D5185(m)	1192	915	1088	---
Zinc	ppm	ASTM D5185(m)	1455	1074	1200	---
Sulfur	ppm	ASTM D5185(m)	2641	2473	2632	---
Visc @ 40°C	cSt	ASTM D7279(m)	55.14	▲ 46.5	▲ 45.9	---
Visc @ 100°C	cSt	ASTM D7279(m)	9.38	▲ 7.6	▲ 7.4	---
Viscosity Index (VI)	Scale	ASTM D2270*	153	129	124	---

Viscosity @ 100°C

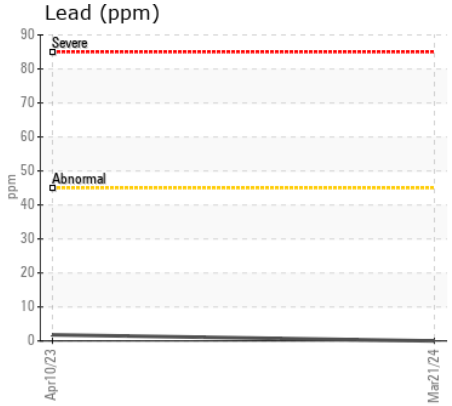
Viscosity @ 40°C



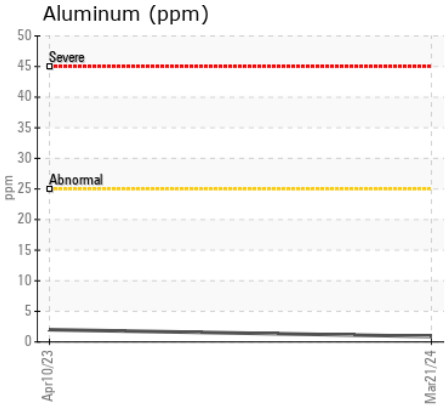
Iron (ppm)



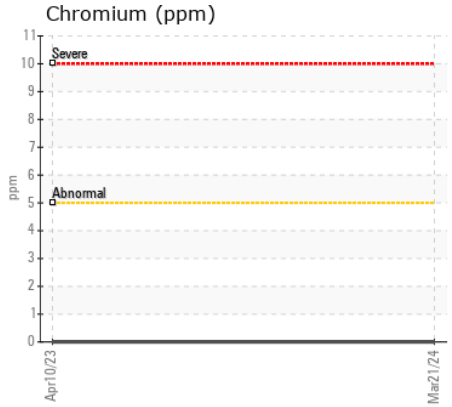
Lead (ppm)



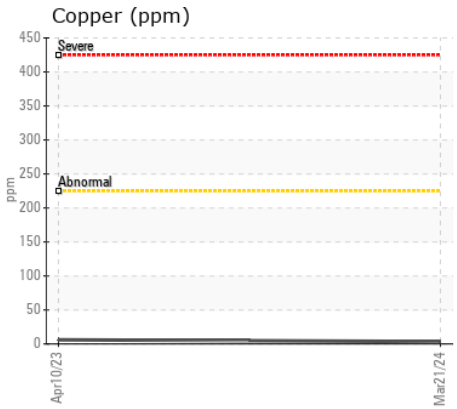
Aluminum (ppm)



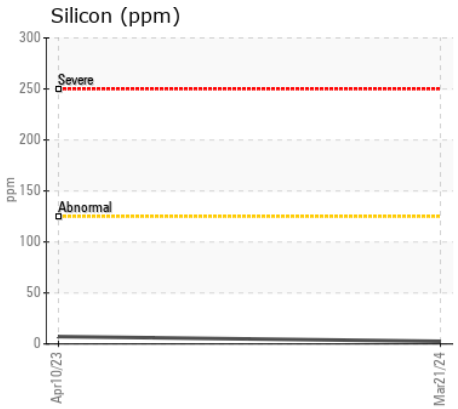
Chromium (ppm)



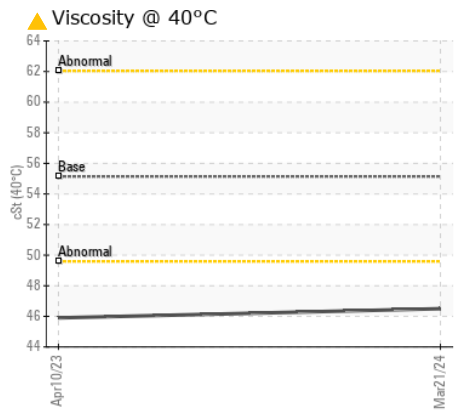
Copper (ppm)



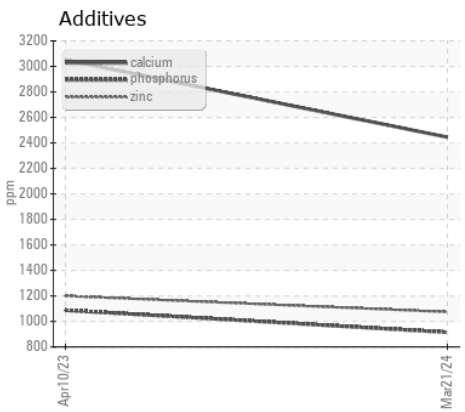
Silicon (ppm)



Viscosity @ 40°C



Additives



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0089007 **Received** : 03 Apr 2024
Lab Number : 02626449 **Tested** : 03 Apr 2024
Unique Number : 5759581 **Diagnosed** : 03 Apr 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: KV100, VI)

To discuss this sample report, contact Customer Service at 1-800-268-2131.
Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
Validity of results and interpretation are based on the sample and information as supplied.

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