



OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Machine Id
JOHN DEERE S780 1H0S780SJPT826004

Component
Transmission
Fluid
{not provided} (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

▲ Contamination

Elemental level of silicon (Si) above normal indicating ingress of seal material.

Fluid Condition

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

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		WC05935655	---	---
Sample Date	Client Info		21 Aug 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	114	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

CONTAMINATION	method	limit/base	current	history1	history2
Water	WC Method	>0.075	NEG	---	---

WEAR METALS	method	limit/base	current	history1	history2
PQ	ASTM D8184	>100	17	---	---
Iron	ppm	ASTM D5185m >61	20	---	---
Chromium	ppm	ASTM D5185m >10	<1	---	---
Nickel	ppm	ASTM D5185m	<1	---	---
Titanium	ppm	ASTM D5185m	<1	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m >20	3	---	---
Lead	ppm	ASTM D5185m >9	2	---	---
Copper	ppm	ASTM D5185m >100	7	---	---
Tin	ppm	ASTM D5185m >3	<1	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

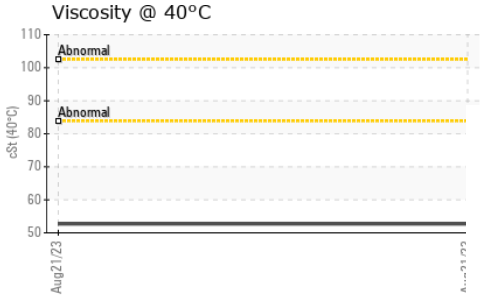
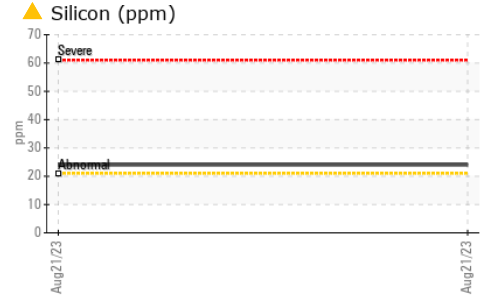
ADDITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	9	---	---
Barium	ppm	ASTM D5185m	2	---	---
Molybdenum	ppm	ASTM D5185m	<1	---	---
Manganese	ppm	ASTM D5185m	2	---	---
Magnesium	ppm	ASTM D5185m	94	---	---
Calcium	ppm	ASTM D5185m	3741	---	---
Phosphorus	ppm	ASTM D5185m	1083	---	---
Zinc	ppm	ASTM D5185m	1325	---	---
Sulfur	ppm	ASTM D5185m	4023	---	---

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >21	▲ 24	---	---
Sodium	ppm	ASTM D5185m >30	1	---	---
Potassium	ppm	ASTM D5185m >20	4	---	---

VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	---	---
Yellow Metal	scalar	*Visual NONE	NONE	---	---
Precipitate	scalar	*Visual NONE	NONE	---	---
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	---	---
Free Water	scalar	*Visual	NEG	---	---



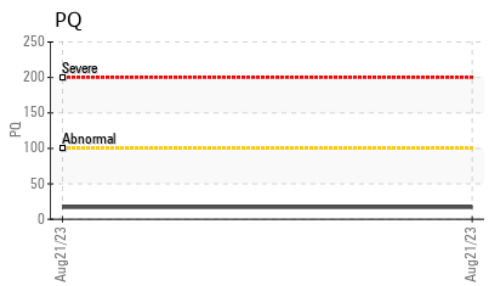
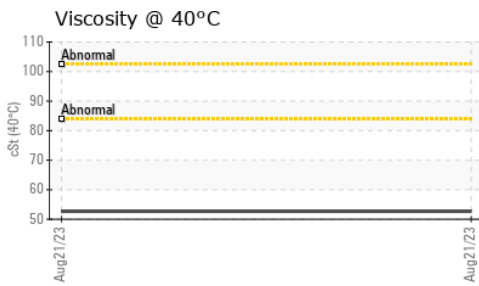
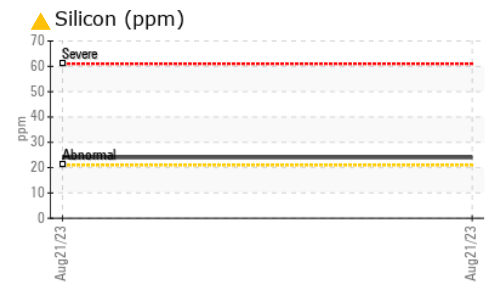
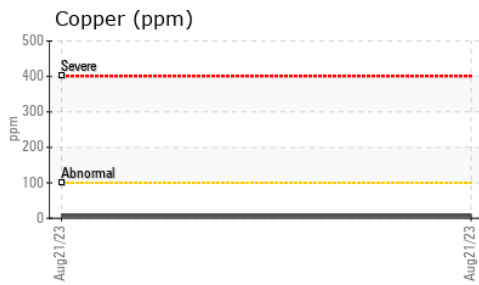
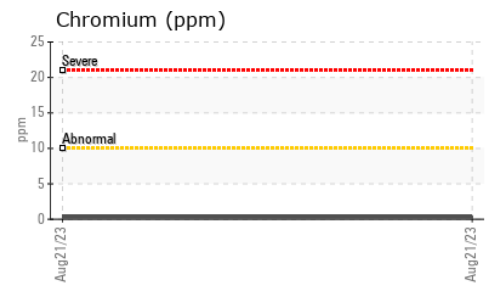
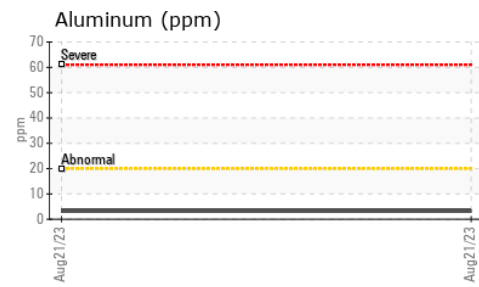
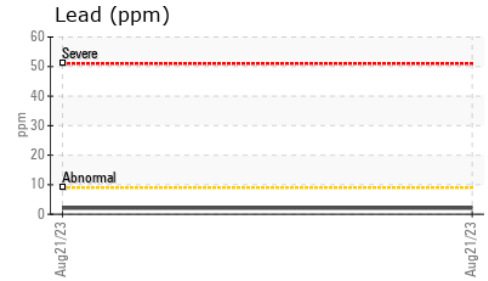
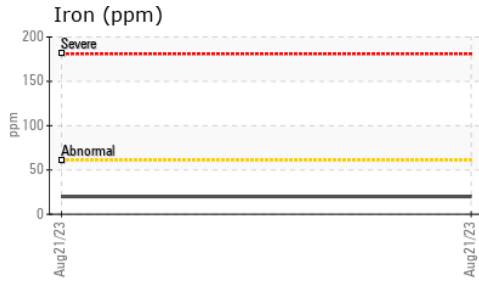
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	52.7	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC05935655 **Received** : 25 Aug 2023
Lab Number : 05935655 **Tested** : 28 Aug 2023
Unique Number : 10620926 **Diagnosed** : 28 Aug 2023 - Sean Felton
Test Package : MOB 1 (Additional Tests: 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)

QUALITY EQUIPMENT

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