



TRAAP

Texas Refinery Advanced Analysis Program

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id  
**JOHN DEERE JOHN DEERE 9570**

Component  
**Transmission**

Fluid  
**TRC UTF RED (--- QTS)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		TR06229267	---	---
Sample Date		Client Info		29 Jun 2024	---	---
Machine Age	hrs	Client Info		3060	---	---
Oil Age	hrs	Client Info		1000	---	---
Filter Age	hrs	Client Info		400	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				NORMAL	---	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>61	17	---	---
Chromium	ppm	ASTM D5185m	>10	0	---	---
Nickel	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>20	2	---	---
Lead	ppm	ASTM D5185m	>9	2	---	---
Copper	ppm	ASTM D5185m	>100	21	---	---
Tin	ppm	ASTM D5185m	>3	1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

**CONTAMINATION**

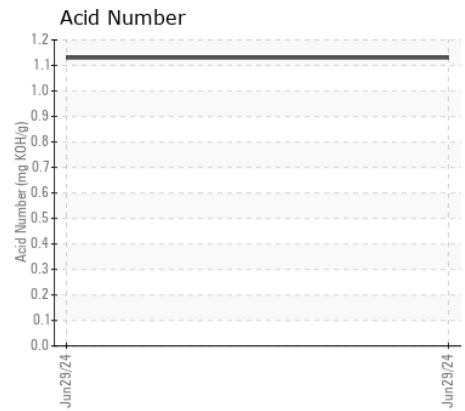
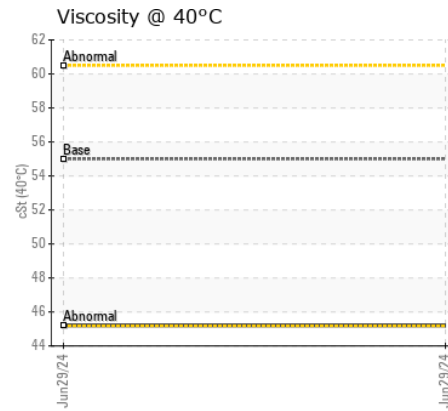
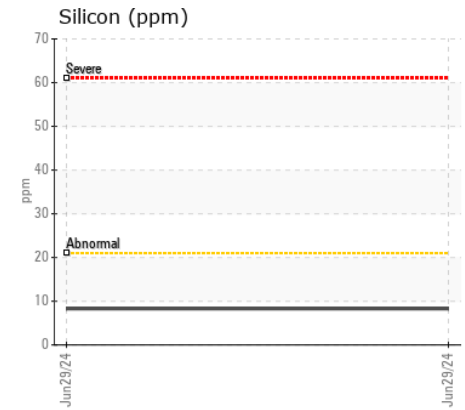
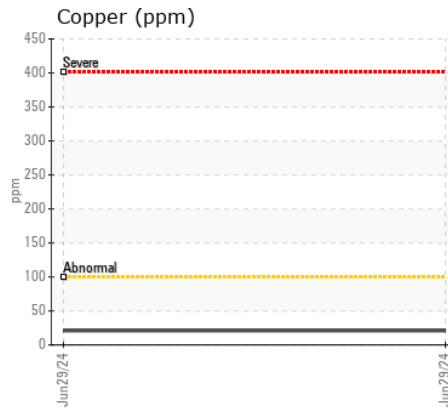
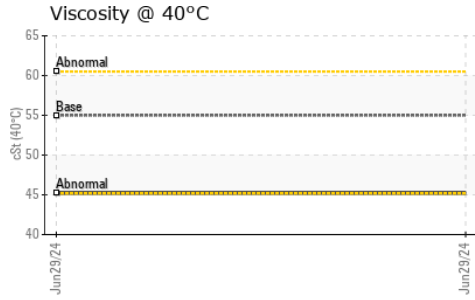
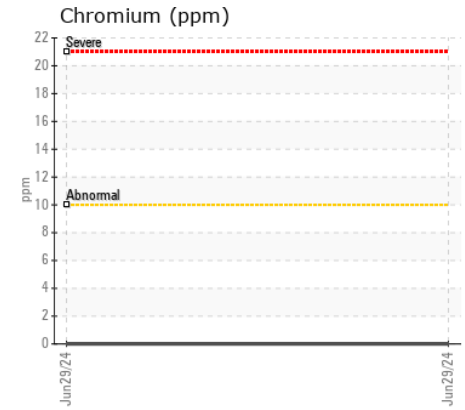
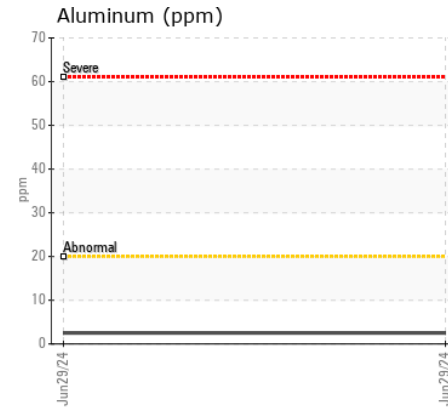
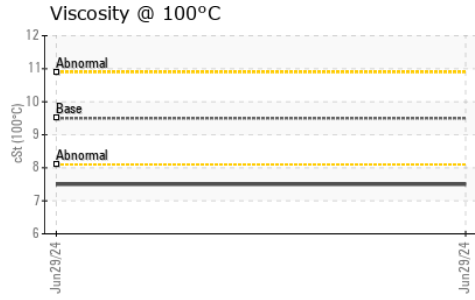
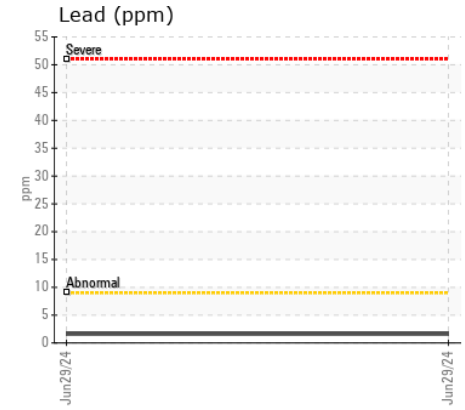
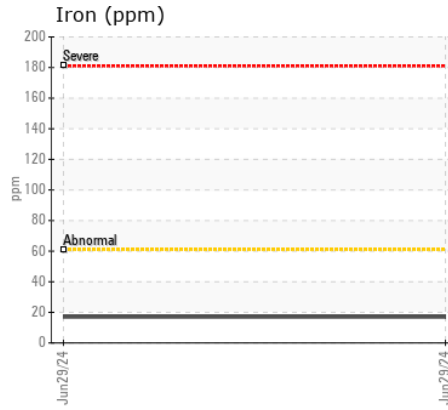
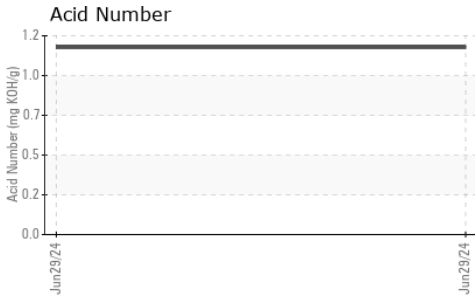
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>21	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**

The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

Sodium	ppm	ASTM D5185m	>30	4	---	---
Boron	ppm	ASTM D5185m		56	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		1	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		67	---	---
Calcium	ppm	ASTM D5185m	4200	3865	---	---
Phosphorus	ppm	ASTM D5185m	1100	1176	---	---
Zinc	ppm	ASTM D5185m	2000	1372	---	---
Sulfur	ppm	ASTM D5185m		5036	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		1.13	---	---
Visc @ 40°C	cSt	ASTM D445	55	45.2	---	---
Visc @ 100°C	cSt	ASTM D445	9.5	7.5	---	---
Viscosity Index (VI)	Scale	ASTM D2270	157	131	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : TR06229267

Lab Number : 06229267

Unique Number : 11112760

Test Package : MOB 2 ( Additional Tests: KV100, VI )

Received : 05 Jul 2024

Tested : 09 Jul 2024

Diagnosed : 09 Jul 2024 - Wes Davis

STEVEN ROTHER

125 CHEROKEE DR

CASHION, OK

US 73016

Contact: JEFF PORTER

To discuss this sample report, contact Customer Service at 1-800-827-0711.

\* - 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)

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F: