



TRAAP

Texas Refinery Advanced Analysis Program

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id

22

Component

Transmission (Auto)

Fluid

TRC TEXTRANS MULTI-VEHICLE SYN ATF (3 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		TR0001552	TR0001419	---
Sample Date		Client Info		13 Jun 2024	11 Jun 2024	---
Machine Age	hrs	Client Info		499	446	---
Oil Age	hrs	Client Info		499	446	---
Filter Age	hrs	Client Info		499	446	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		Not Changd	Not Changd	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	21	23	---
Chromium	ppm	ASTM D5185m	>5	0	<1	---
Nickel	ppm	ASTM D5185m	>5	1	<1	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m	>5	0	0	---
Aluminum	ppm	ASTM D5185m	>50	5	4	---
Lead	ppm	ASTM D5185m	>50	1	3	---
Copper	ppm	ASTM D5185m	>225	6	5	---
Tin	ppm	ASTM D5185m	>10	1	1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

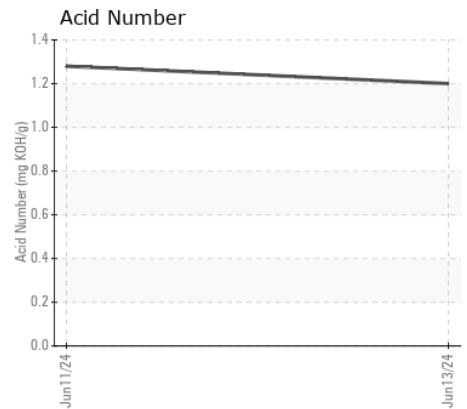
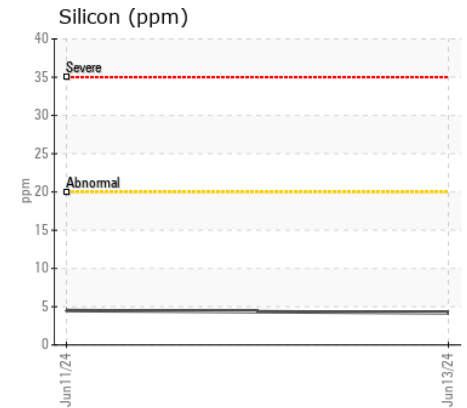
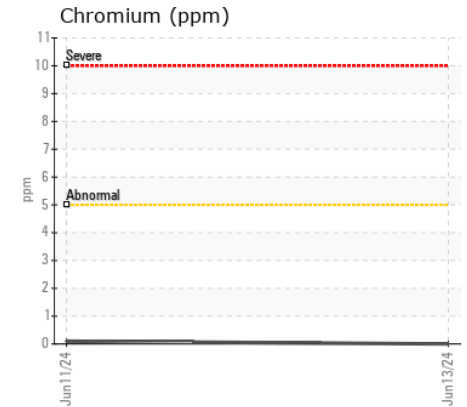
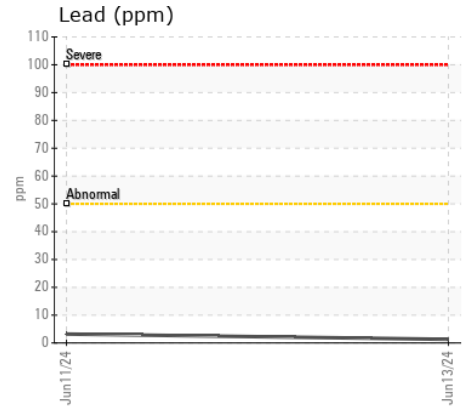
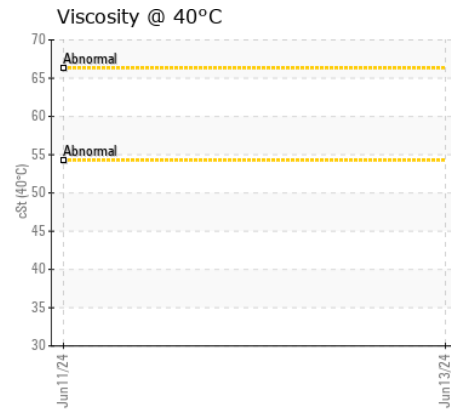
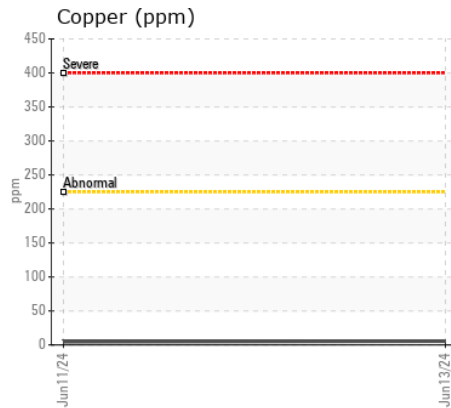
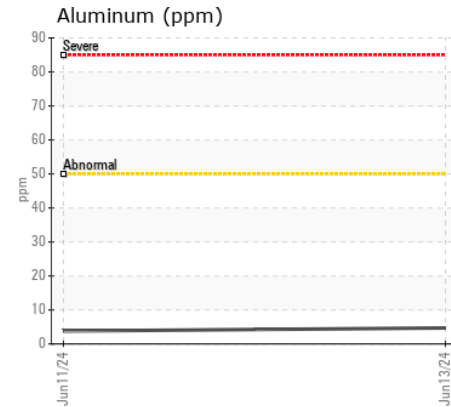
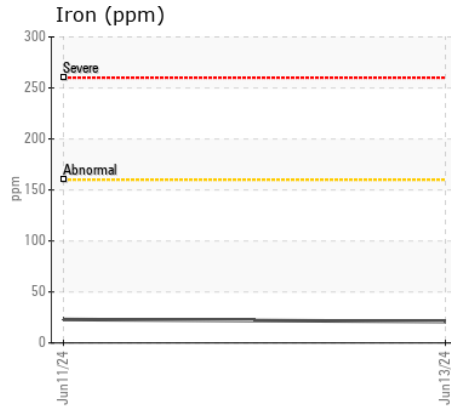
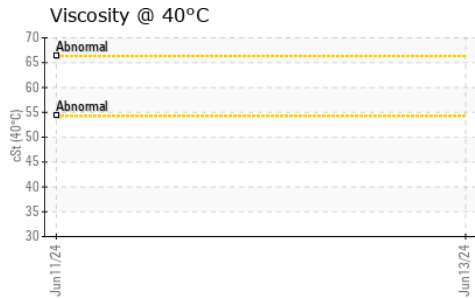
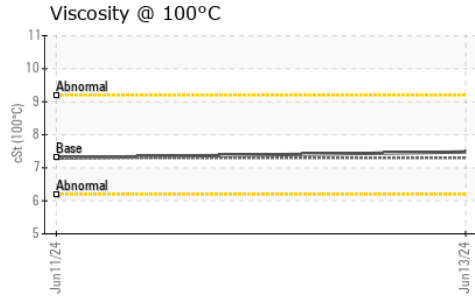
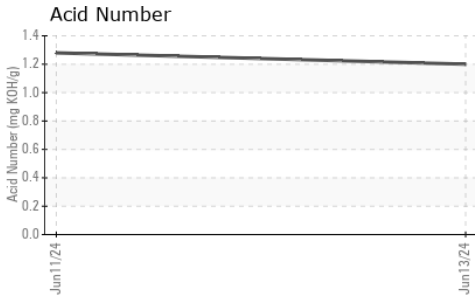
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>20	4	4	---
Potassium	ppm	ASTM D5185m	>20	6	4	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		6	<1	---
Boron	ppm	ASTM D5185m		97	122	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		0	<1	---
Manganese	ppm	ASTM D5185m		1	<1	---
Magnesium	ppm	ASTM D5185m		2	2	---
Calcium	ppm	ASTM D5185m		65	51	---
Phosphorus	ppm	ASTM D5185m		293	239	---
Zinc	ppm	ASTM D5185m		16	21	---
Sulfur	ppm	ASTM D5185m		1438	1249	---
Acid Number (AN)	mg KOH/g	ASTM D8045		1.20	1.28	---
Visc @ 40°C	cSt	ASTM D445		35.1	---	---
Visc @ 100°C	cSt	ASTM D445	7.3	7.48	7.3	---
Viscosity Index (VI)	Scale	ASTM D2270	193	187	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TR0001552 **Received** : 17 Jun 2024
Lab Number : 06212541 **Tested** : 21 Jun 2024
Unique Number : 11085405 **Diagnosed** : 21 Jun 2024 - Jonathan Hester
Test Package : MOB 2 (Additional Tests: KV100, VI)

S S CONCRETE MATERIALS LLC
P.O. BOX 23283
BULLHEAD CITY, AZ
US 86439
Contact: SNS INVENTORY
snsinventory@yahoo.com

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)

T:
F: (928)754-1991