



TRAAP

Texas Refinery Advanced Analysis Program

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id

19

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		TR0001557	TR0001458	---
Sample Date		Client Info		17 Jun 2024	23 Feb 2024	---
Machine Age	hrs	Client Info		1522	612	---
Oil Age	hrs	Client Info		1522	612	---
Filter Age	hrs	Client Info		1522	612	---
Oil Changed		Client Info		Not Chngd	Not Chngd	---
Filter Changed		Client Info		Not Chngd	Not Chngd	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	41	23	---
Chromium	ppm	ASTM D5185m	>5	0	<1	---
Nickel	ppm	ASTM D5185m	>5	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m	>5	0	0	---
Aluminum	ppm	ASTM D5185m	>50	18	7	---
Lead	ppm	ASTM D5185m	>50	20	8	---
Copper	ppm	ASTM D5185m	>225	5	3	---
Tin	ppm	ASTM D5185m	>10	2	1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

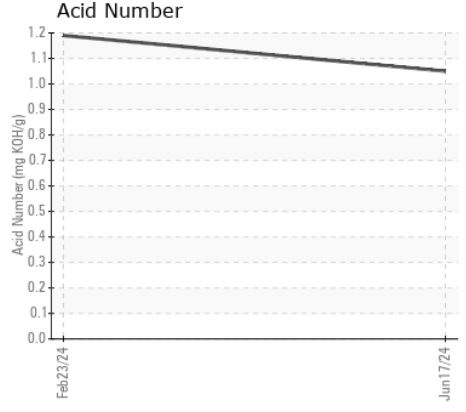
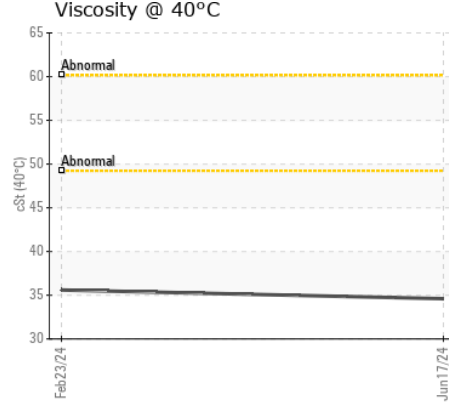
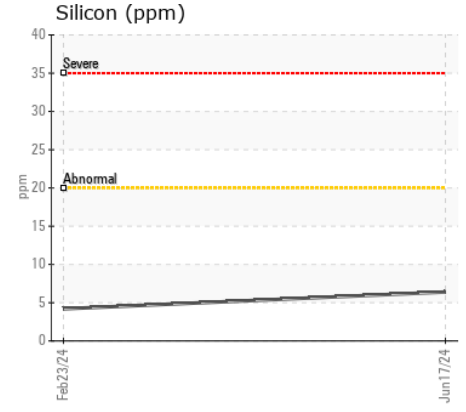
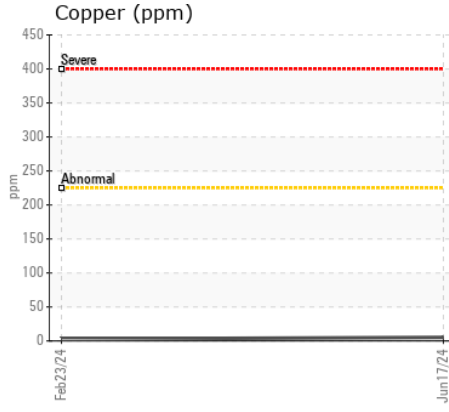
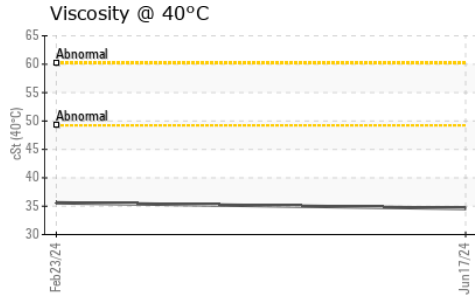
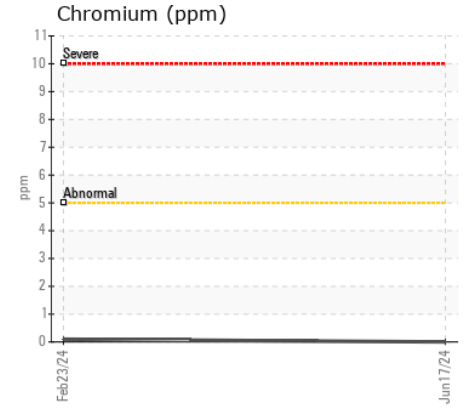
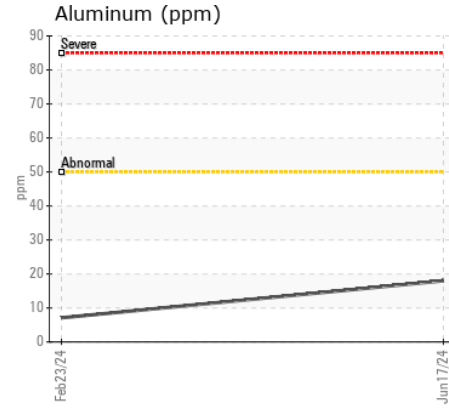
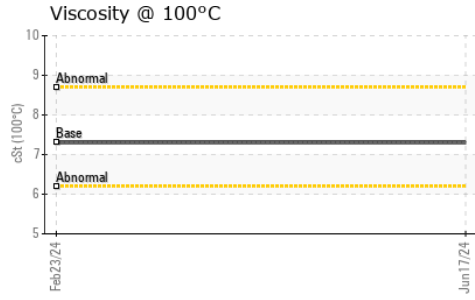
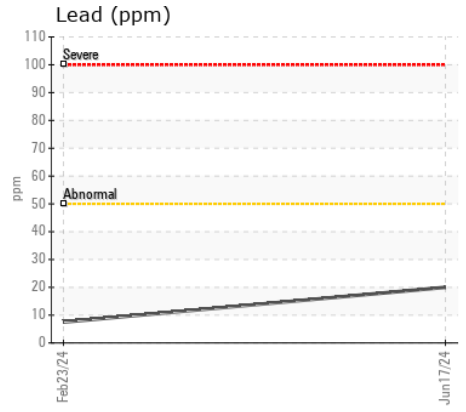
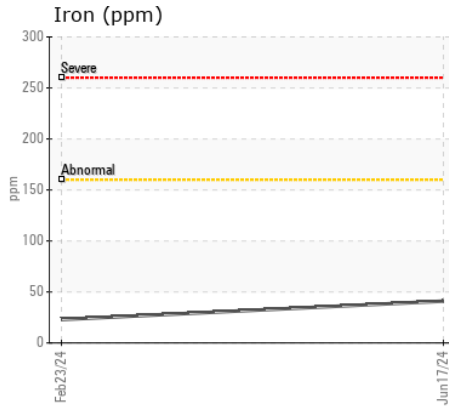
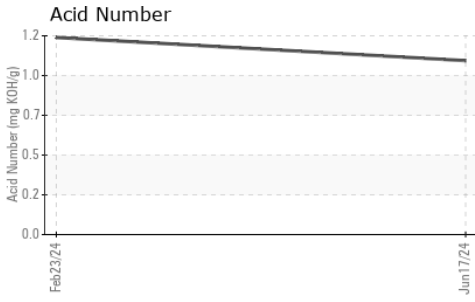
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>20	6	4	---
Potassium	ppm	ASTM D5185m	>20	5	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	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	0	---
Boron	ppm	ASTM D5185m		104	94	---
Barium	ppm	ASTM D5185m		<1	<1	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		1	1	---
Magnesium	ppm	ASTM D5185m		2	2	---
Calcium	ppm	ASTM D5185m		62	63	---
Phosphorus	ppm	ASTM D5185m		261	244	---
Zinc	ppm	ASTM D5185m		35	25	---
Sulfur	ppm	ASTM D5185m		1609	1437	---
Acid Number (AN)	mg KOH/g	ASTM D8045		1.05	1.19	---
Visc @ 40°C	cSt	ASTM D445		34.6	35.6	---
Visc @ 100°C	cSt	ASTM D445	7.3	7.3	7.3	---
Viscosity Index (VI)	Scale	ASTM D2270	193	183	175	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TR0001557 **Received** : 15 Jul 2024
Lab Number : 06236231 **Tested** : 16 Jul 2024
Unique Number : 11125065 **Diagnosed** : 17 Jul 2024 - Don Baldrige
Test Package : MOB 2 (Additional Tests: KV100, VI)

S S CONCRETE MATERIALS LLC
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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:
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