



TRAAP

Texas Refinery Advanced Analysis Program

# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id

**T13**

Component

**1 Transmission (Manual)**

Fluid

**TRC TEXTRANS MULTI-VEHICLE SYN ATF (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		TR0001369	TR0001256	TR0000797
Sample Date		Client Info		09 Jan 2024	03 Oct 2023	10 Apr 2023
Machine Age	hrs	Client Info		5342	5045	4268
Oil Age	hrs	Client Info		5342	5045	4268
Filter Age	hrs	Client Info		5342	5045	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	None	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>200	113	103	63
Chromium	ppm	ASTM D5185m	>5	<1	<1	0
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m	>7	0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	3	<1
Lead	ppm	ASTM D5185m	>45	0	<1	0
Copper	ppm	ASTM D5185m	>225	56	45	20
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

## CONTAMINATION

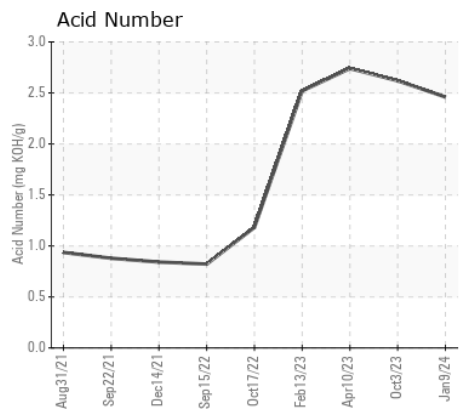
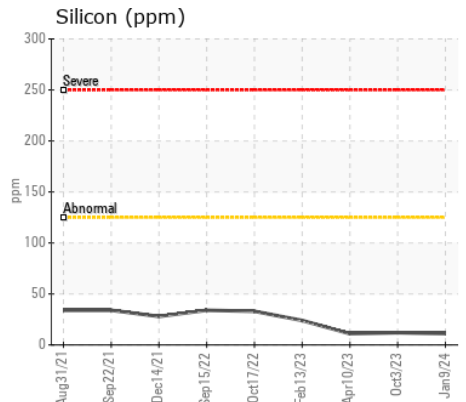
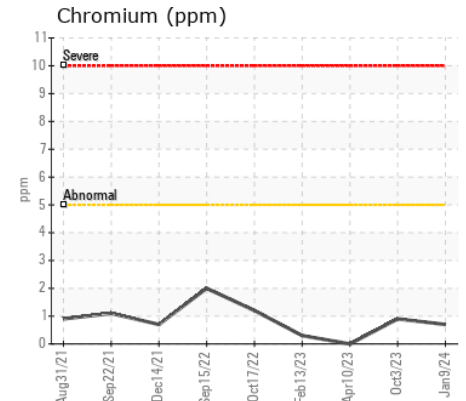
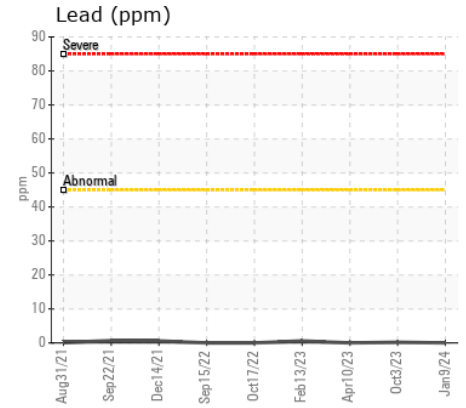
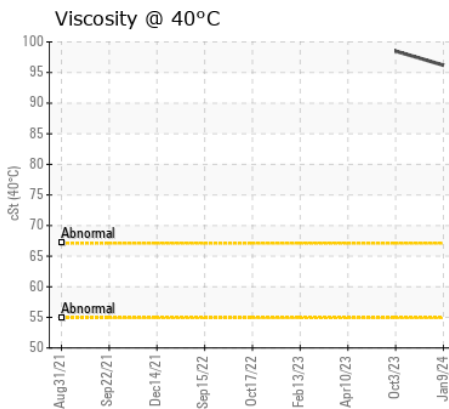
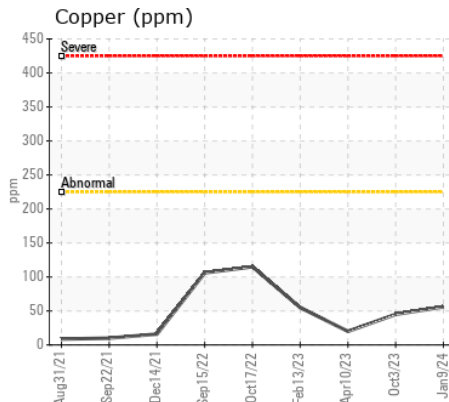
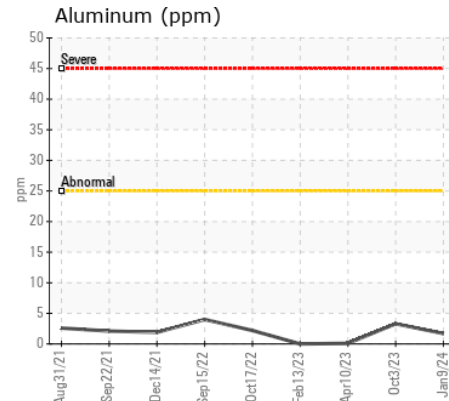
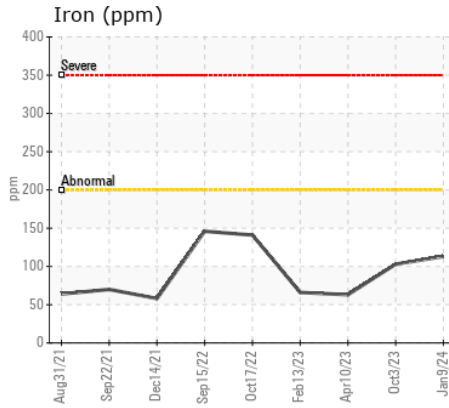
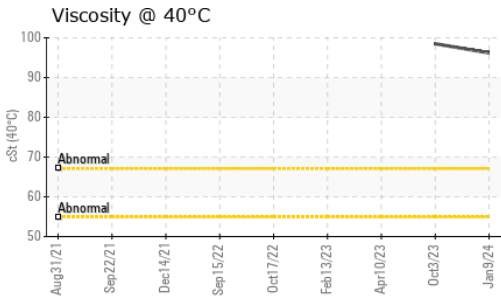
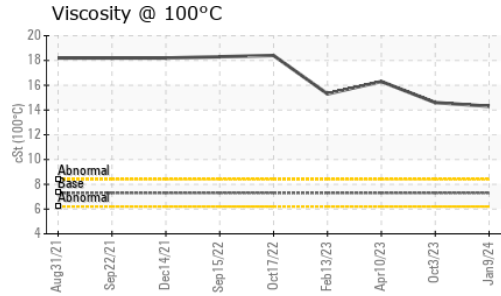
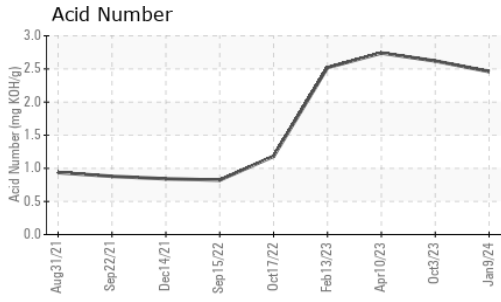
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	11	12	11
Potassium	ppm	ASTM D5185m	>20	2	1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		1	<1	<1
Boron	ppm	ASTM D5185m		182	181	194
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	2	1
Manganese	ppm	ASTM D5185m		4	3	2
Magnesium	ppm	ASTM D5185m		1	3	6
Calcium	ppm	ASTM D5185m		235	222	222
Phosphorus	ppm	ASTM D5185m		1074	983	970
Zinc	ppm	ASTM D5185m		90	91	68
Sulfur	ppm	ASTM D5185m		704	804	603
Acid Number (AN)	mg KOH/g	ASTM D8045		2.46	2.62	2.74
Visc @ 40°C	cSt	ASTM D445		96.2	98.5	---
Visc @ 100°C	cSt	ASTM D445	7.3	14.3	14.6	16.3
Viscosity Index (VI)	Scale	ASTM D2270	193	153	153	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : TR0001369 **Received** : 12 Jan 2024  
**Lab Number** : 06060363 **Diagnosed** : 16 Jan 2024  
**Unique Number** : 10831745 **Diagnostician** : Don Baldrige  
**Test Package** : MOB 2 ( Additional Tests: KV100, VI )

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)

**S S CONCRETE MATERIALS LLC**  
P.O. BOX 23283  
BULLHEAD CITY, AZ  
US 86439  
Contact: SERVICE MANAGER  
snsmaterials1@gmail.com  
T:  
F: (928)754-1991