



TRAAP

Texas Refinery Advanced Analysis Program

# OIL ANALYSIS REPORT

WEAR	<b>ABNORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**CHEVROLET B103E**  
 Component  
**Transmission**  
 Fluid  
**TRC DEXRON III/MERCON TRANS (12 QTS)**

## RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		TR06155244	---	---
Sample Date		Client Info		11 Mar 2024	---	---
Machine Age	mls	Client Info		207554	---	---
Oil Age	mls	Client Info		11799	---	---
Filter Age	mls	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---

## WEAR

The lead level is abnormal. All other component wear rates are normal.

Iron	ppm	ASTM D5185m	>200	79	---	---
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	>50	40	---	---
Lead	ppm	ASTM D5185m	>50	▲ 184	---	---
Copper	ppm	ASTM D5185m	>200	34	---	---
Tin	ppm	ASTM D5185m	>10	2	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

## CONTAMINATION

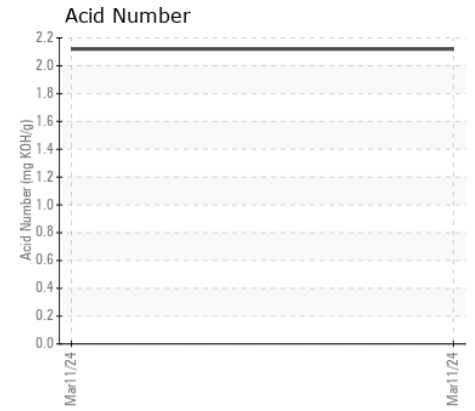
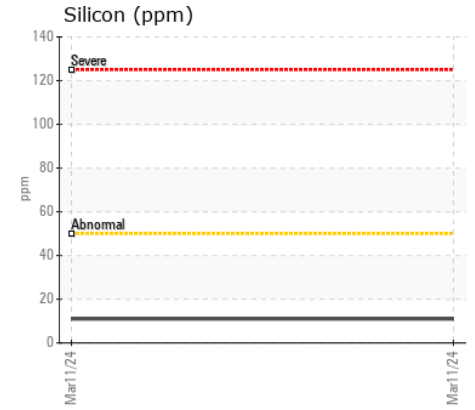
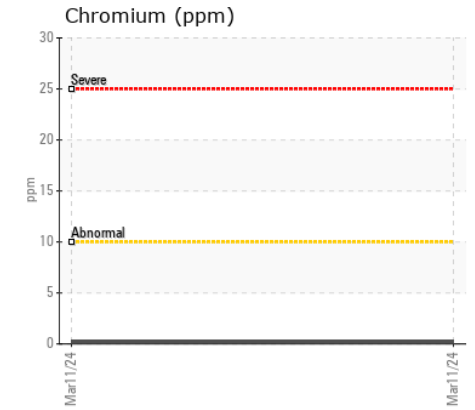
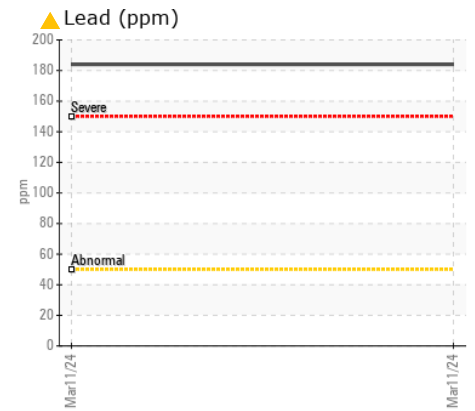
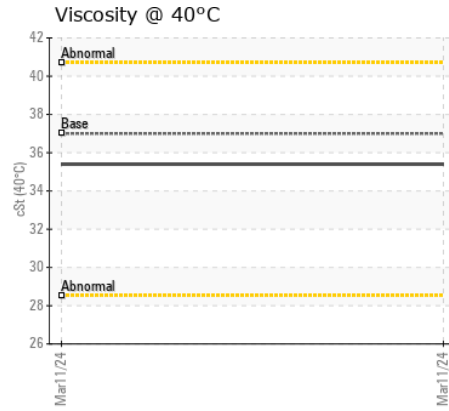
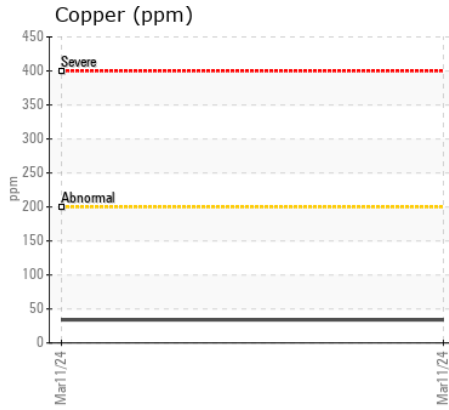
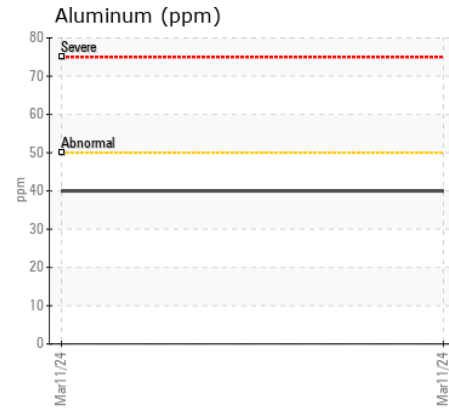
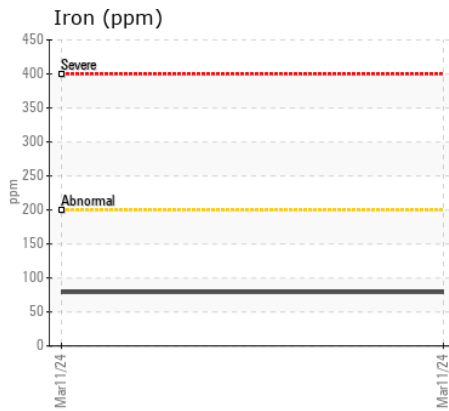
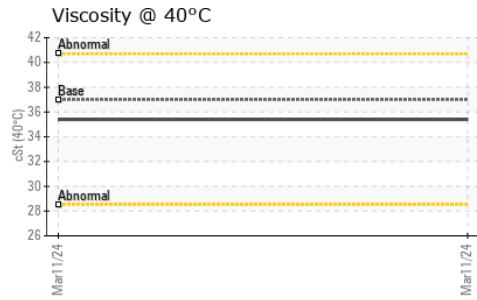
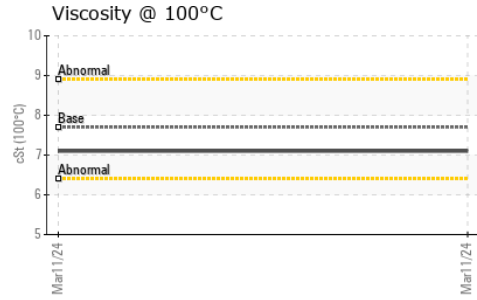
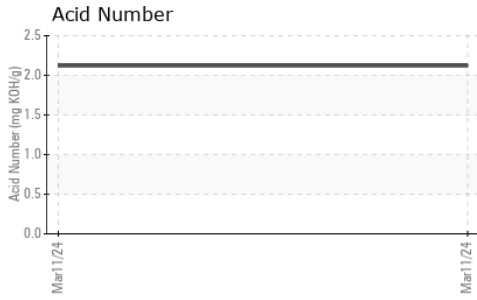
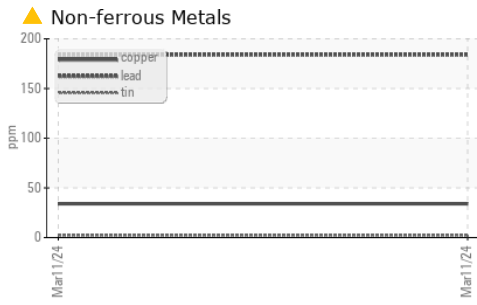
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>50	11	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water		WC Method	>0.1	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	>0.1	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		2	---	---
Boron	ppm	ASTM D5185m		304	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		<1	---	---
Manganese	ppm	ASTM D5185m		1	---	---
Magnesium	ppm	ASTM D5185m		<1	---	---
Calcium	ppm	ASTM D5185m		224	---	---
Phosphorus	ppm	ASTM D5185m		546	---	---
Zinc	ppm	ASTM D5185m		11	---	---
Sulfur	ppm	ASTM D5185m		2280	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045		2.12	---	---
Visc @ 40°C	cSt	ASTM D445	37	35.4	---	---
Visc @ 100°C	cSt	ASTM D445	7.7	7.1	---	---
Viscosity Index (VI)	Scale	ASTM D2270	184	168	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : TR06155244 **Received** : 19 Apr 2024  
**Lab Number** : 06155244 **Tested** : 24 Apr 2024  
**Unique Number** : 10990667 **Diagnosed** : 24 Apr 2024 - Don Baldrige  
**Test Package** : MOB 2 ( Additional Tests: KV100, VI )

**COLORADO RIVER UNION HS**  
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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)