



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area  
**Store 9 - Marietta**  
Machine Id  
**CHEVROLET 1500 1GCRYAEF1LZ351048**  
Component  
**Transmission (Auto)**  
Fluid  
**DEXRON-VI (14 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		LEC0031410	LEC0046498	---
Sample Date		Client Info		22 Apr 2024	29 Jan 2024	---
Machine Age	hrs	Client Info		121948	119042	---
Oil Age	hrs	Client Info		2906	19226	---
Filter Age	hrs	Client Info		2906	19226	---
Oil Changed		Client Info		Not Changd	Changed	---
Filter Changed		Client Info		Not Changd	Changed	---
Sample Status				ABNORMAL	NORMAL	---

## WEAR

All component wear rates are normal.

PQ		ASTM D8184	>50	27	21	---
Iron	ppm	ASTM D5185m	>160	52	61	---
Chromium	ppm	ASTM D5185m	>5	<1	0	---
Nickel	ppm	ASTM D5185m	>5	<1	0	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m	>5	0	0	---
Aluminum	ppm	ASTM D5185m	>50	10	13	---
Lead	ppm	ASTM D5185m	>50	<1	0	---
Copper	ppm	ASTM D5185m	>225	15	33	---
Tin	ppm	ASTM D5185m	>10	1	2	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

## CONTAMINATION

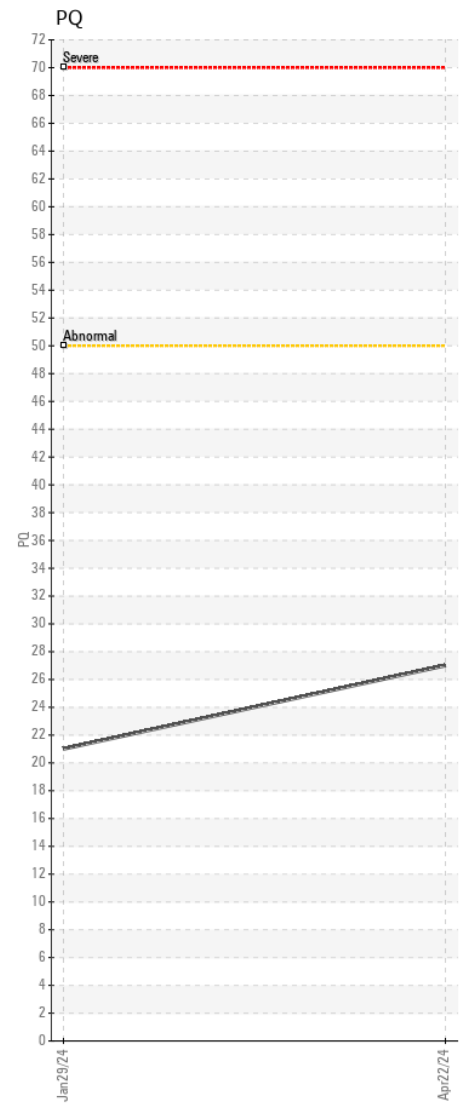
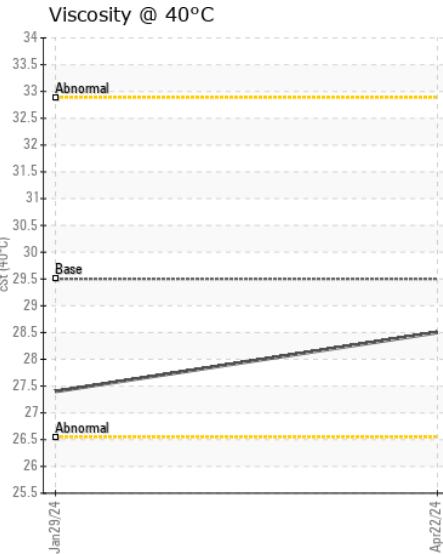
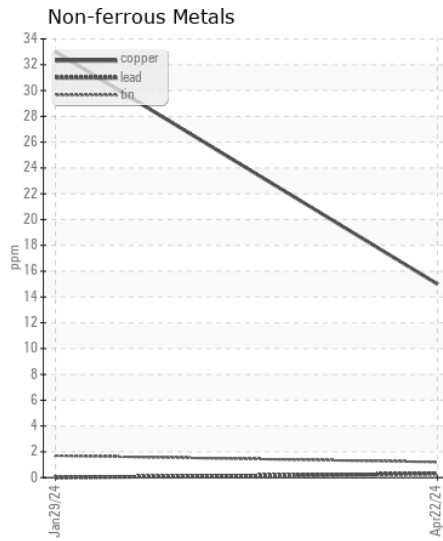
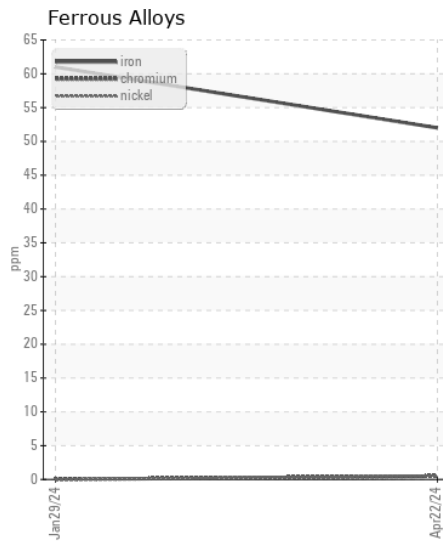
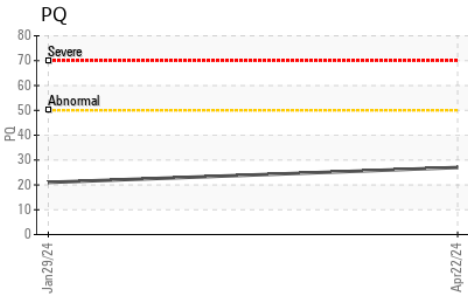
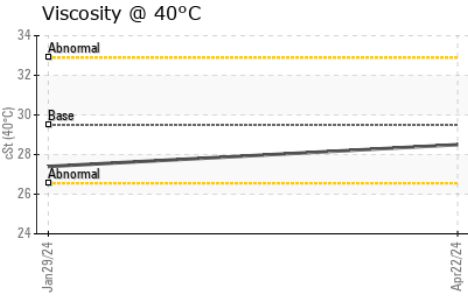
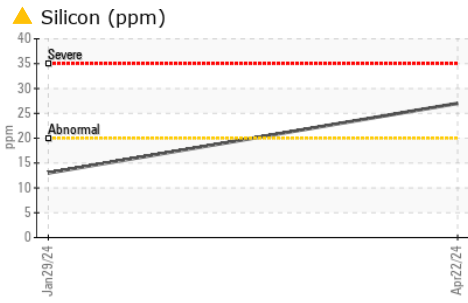
Elemental level of silicon (Si) above normal.

Silicon	ppm	ASTM D5185m	>20	▲ 27	13	---
Potassium	ppm	ASTM D5185m	>20	2	1	---
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 condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		5	6	---
Boron	ppm	ASTM D5185m	75	69	62	---
Barium	ppm	ASTM D5185m	0	0	<1	---
Molybdenum	ppm	ASTM D5185m	0	<1	0	---
Manganese	ppm	ASTM D5185m		5	12	---
Magnesium	ppm	ASTM D5185m	0	5	4	---
Calcium	ppm	ASTM D5185m	200	144	91	---
Phosphorus	ppm	ASTM D5185m	300	198	156	---
Zinc	ppm	ASTM D5185m	25	19	13	---
Sulfur	ppm	ASTM D5185m	1200	2401	1704	---
Visc @ 40°C	cSt	ASTM D445	29.5	28.5	27.4	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0031410 **Received** : 24 Apr 2024  
**Lab Number** : 06159347 **Tested** : 25 Apr 2024  
**Unique Number** : 10994770 **Diagnosed** : 26 Apr 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**LESLIE EQUIPMENT COMPANY**  
 105 TENNIS CENTER DR.  
 MARIETTA, OH  
 US 45750-9765  
 Contact: LEANNE KENDALL  
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To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - 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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