



# WEAR CHECK

## OIL ANALYSIS REPORT

WEAR  
CONTAMINATION  
FLUID CONDITION

**ABNORMAL**  
**NORMAL**  
**NORMAL**

Area

**5C07**

Machine Id

**PETERBILT 337 BTK8956**

Component

**Transmission (Auto)**

Fluid

**DEXRON III (--- GAL)**

### RECOMMENDATION

We suspect abnormal metal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor.

### WEAR

Moderate concentration of visible metal present. All component wear rates are normal.

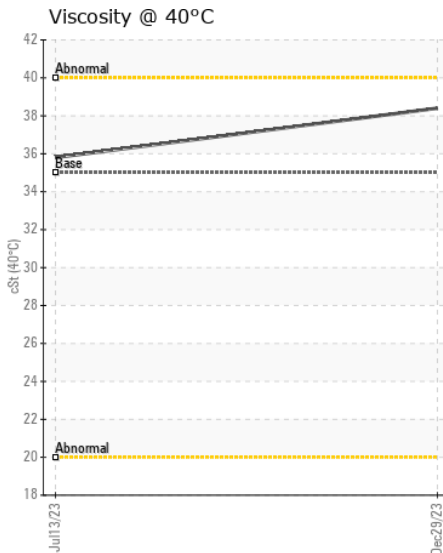
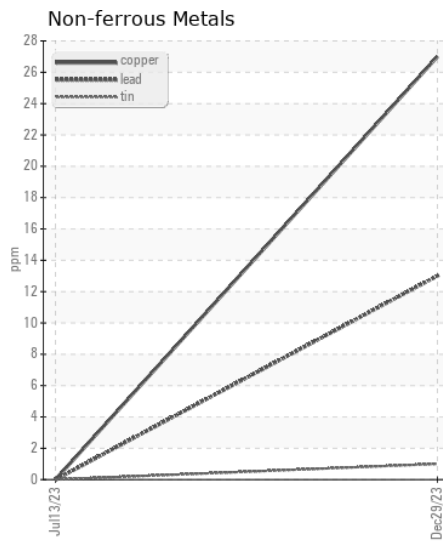
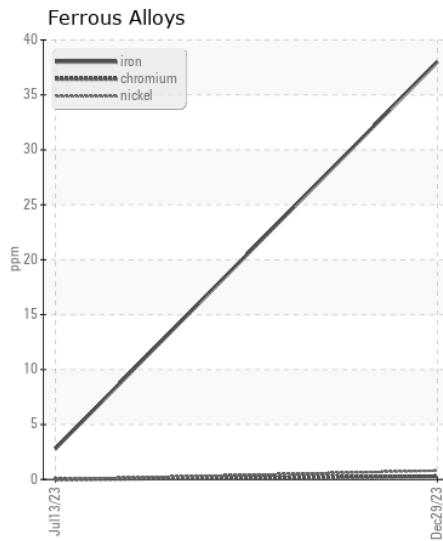
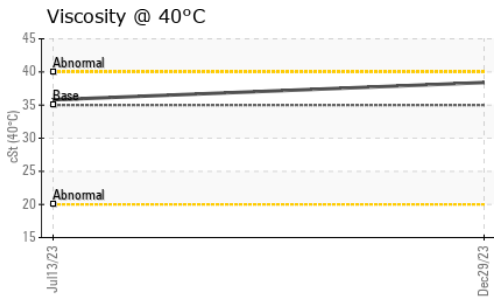
### CONTAMINATION

There is no indication of any contamination in the fluid.

### FLUID CONDITION

The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>ARI0007478</b>	ARI0006876	---
Sample Date		Client Info		<b>29 Dec 2023</b>	13 Jul 2023	---
Machine Age	mls	Client Info		<b>52641</b>	50179	---
Oil Age	mls	Client Info		<b>0</b>	0	---
Filter Age	mls	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>N/A</b>	N/A	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>ABNORMAL</b>	NORMAL	---
Iron	ppm	ASTM D5185m	>160	<b>38</b>	3	---
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	---
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>50	<b>7</b>	<1	---
Lead	ppm	ASTM D5185m	>50	<b>13</b>	0	---
Copper	ppm	ASTM D5185m	>225	<b>27</b>	0	---
Tin	ppm	ASTM D5185m	>10	<b>1</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>▲ MODER</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silicon	ppm	ASTM D5185m	>20	<b>4</b>	4	---
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	0	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	---
Sodium	ppm	ASTM D5185m		<b>7</b>	0	---
Boron	ppm	ASTM D5185m		<b>97</b>	66	---
Barium	ppm	ASTM D5185m		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>2</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>4</b>	<1	---
Magnesium	ppm	ASTM D5185m		<b>2</b>	6	---
Calcium	ppm	ASTM D5185m		<b>51</b>	117	---
Phosphorus	ppm	ASTM D5185m		<b>303</b>	167	---
Zinc	ppm	ASTM D5185m		<b>0</b>	9	---
Sulfur	ppm	ASTM D5185m		<b>692</b>	2219	---
Visc @ 40°C	cSt	ASTM D445	35.0	<b>38.4</b>	35.8	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ARI0007478 **Received** : 08 Jan 2024  
**Lab Number** : 06054417 **Diagnosed** : 10 Jan 2024  
**Unique Number** : 10820366 **Diagnostician** : Jonathan Hester  
**Test Package** : CONST

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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)