

# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**736799**  
 Component  
**Gearbox**  
 Fluid  
**{not provided} (--- GAL)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil.

### Fluid Condition

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>PCA0029043</b>	---	---
Sample Date	Client Info			<b>07 Mar 2024</b>	---	---
Machine Age	mls	Client Info		<b>334206</b>	---	---
Oil Age	mls	Client Info		<b>0</b>	---	---
Oil Changed	Client Info			<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.2	<b>NEG</b>	---	---

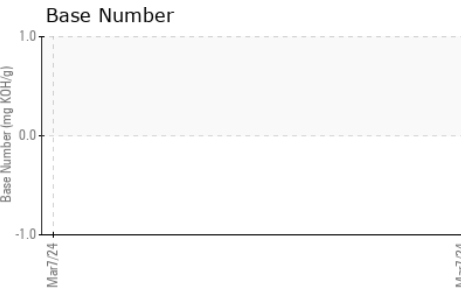
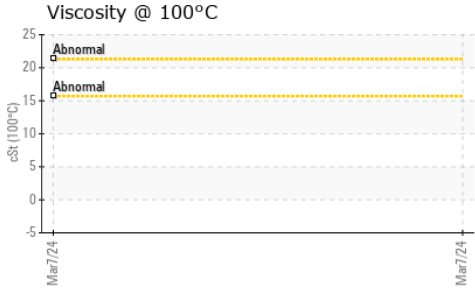
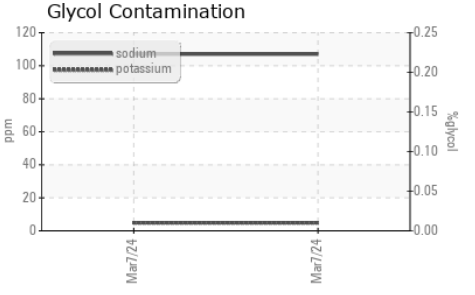
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	<b>25</b>	---	---
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	---	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Aluminum	ppm	ASTM D5185m	>25	<b>4</b>	---	---
Lead	ppm	ASTM D5185m	>50	<b>2</b>	---	---
Copper	ppm	ASTM D5185m	>200	<b>6</b>	---	---
Tin	ppm	ASTM D5185m	>10	<b>1</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Cadmium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>181</b>	---	---
Barium	ppm	ASTM D5185m		<b>3</b>	---	---
Molybdenum	ppm	ASTM D5185m		<b>12</b>	---	---
Manganese	ppm	ASTM D5185m		<b>2</b>	---	---
Magnesium	ppm	ASTM D5185m		<b>31</b>	---	---
Calcium	ppm	ASTM D5185m		<b>280</b>	---	---
Phosphorus	ppm	ASTM D5185m		<b>1314</b>	---	---
Zinc	ppm	ASTM D5185m		<b>196</b>	---	---
Sulfur	ppm	ASTM D5185m		<b>22839</b>	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<b>8</b>	---	---
Sodium	ppm	ASTM D5185m		<b>107</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>5</b>	---	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Debris	scalar	*Visual	NONE	<b>LIGHT</b>	---	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	---	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	---	---
Free Water	scalar	*Visual		<b>NEG</b>	---	---

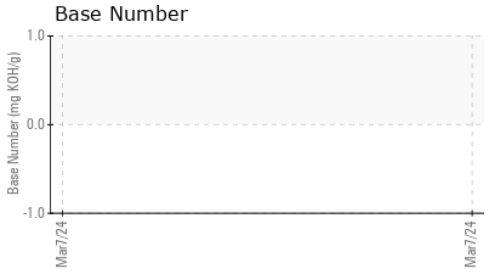
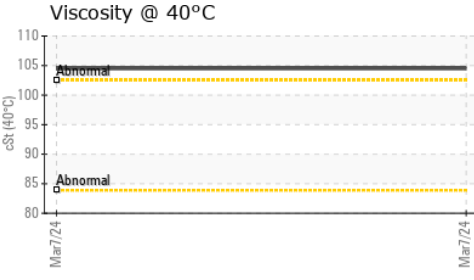
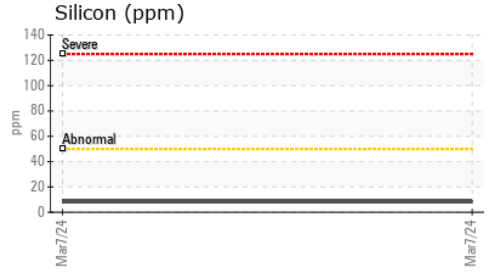
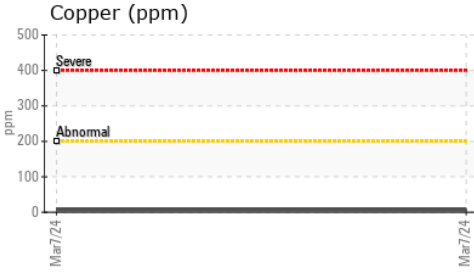
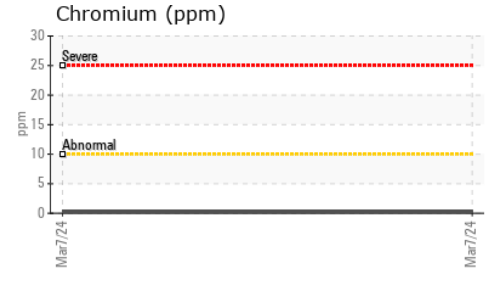
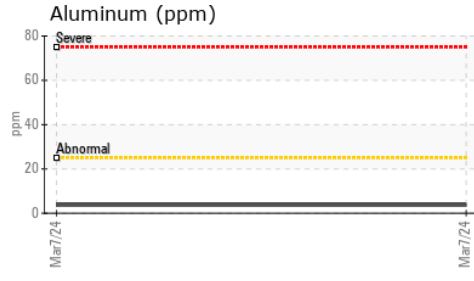
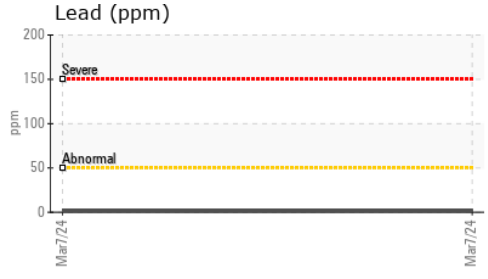
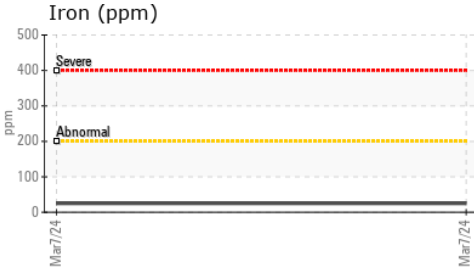
# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	104.5	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0029043      **Received** : 14 Mar 2024  
**Lab Number** : 06118028      **Tested** : 19 Mar 2024  
**Unique Number** : 10926861      **Diagnosed** : 19 Mar 2024 - Jonathan Hester  
**Test Package** : MOB 1 ( Additional Tests: FT-IR, Glycol, KV100, TBN )

**MILLER TRUCK LEASING #112**  
 1504 MAINLINE DR  
 CINNAMINSON, NJ  
 US 08077  
 Contact: MIKE BOYER  
 mboyer@millertransgroup.com  
 T: (856)662-4264  
 F: (856)663-4898

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)