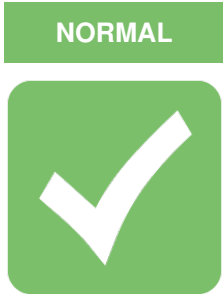
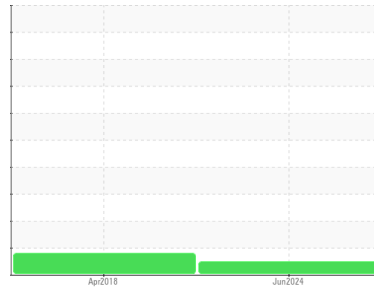


# OIL ANALYSIS REPORT



Area  
**G.LOPES CONSTRUCTION INC./Off-Road**  
 Machine Id  
**BH42**  
 Component  
**Rear Right Final Drive**  
 Fluid  
**MOBIL MOBILTRANS HD 50 (--- GAL)**

### Sample Rating Trend



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

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>PCA0109707</b>	PCA13317026	---
Sample Date	Client Info		<b>12 Jun 2024</b>	13 Apr 2018	---
Machine Age	hrs	Client Info	<b>3887</b>	2167	---
Oil Age	hrs	Client Info	<b>3887</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	N/A	---
Sample Status			<b>NORMAL</b>	SEVERE	---

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >800	<b>161</b>	224	---
Chromium	ppm	ASTM D5185m >10	<b>2</b>	3	---
Nickel	ppm	ASTM D5185m >5	<b>0</b>	1	---
Titanium	ppm	ASTM D5185m >15	<b>&lt;1</b>	---	---
Silver	ppm	ASTM D5185m >2	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m >75	<b>2</b>	3	---
Lead	ppm	ASTM D5185m >10	<b>0</b>	3	---
Copper	ppm	ASTM D5185m >75	<b>3</b>	6	---
Tin	ppm	ASTM D5185m >8	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	---	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	---	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>10</b>	2	---
Barium	ppm	ASTM D5185m	<b>0</b>	3	---
Molybdenum	ppm	ASTM D5185m	<b>4</b>	5	---
Manganese	ppm	ASTM D5185m	<b>2</b>	---	---
Magnesium	ppm	ASTM D5185m	<b>28</b>	9	---
Calcium	ppm	ASTM D5185m	<b>3409</b>	2706	---
Phosphorus	ppm	ASTM D5185m	<b>1193</b>	987	---
Zinc	ppm	ASTM D5185m	<b>1389</b>	1030	---
Sulfur	ppm	ASTM D5185m	<b>15864</b>	---	---

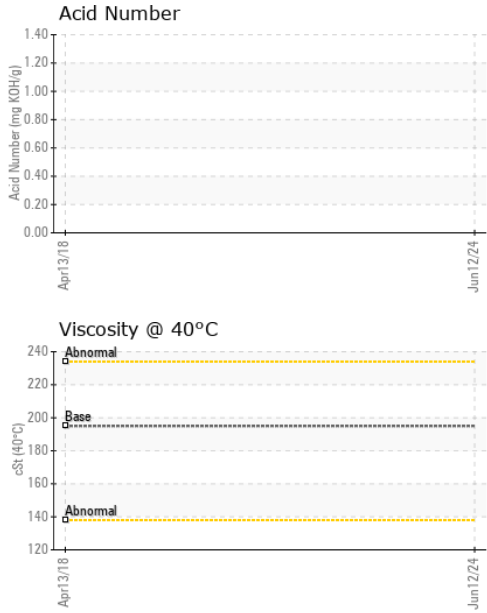
## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >400	<b>8</b>	9	---
Sodium	ppm	ASTM D5185m	<b>9</b>	15	---
Potassium	ppm	ASTM D5185m >20	<b>&lt;1</b>	2	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>1.40</b>	---	---

# OIL ANALYSIS REPORT



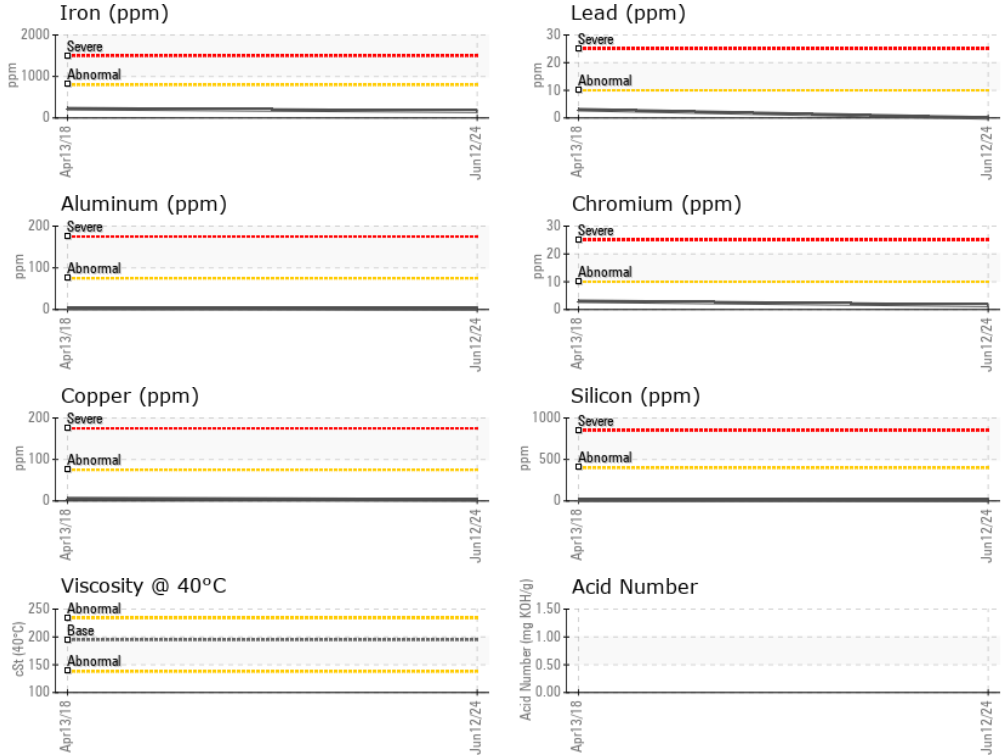
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	LIGHT	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	195	150	---	---

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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0109707      **Received** : 14 Jun 2024  
**Lab Number** : **06210314**      **Tested** : 17 Jun 2024  
**Unique Number** : 11083178      **Diagnosed** : 17 Jun 2024 - Wes Davis  
**Test Package** : MOB 2

**G LOPES CONSTRUCTION**  
 565 WINTHROP ST  
 TAUNTON, MA  
 US 02780  
 Contact: BUTCH MCGRATH  
 bmcgrath@glopes.com

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)