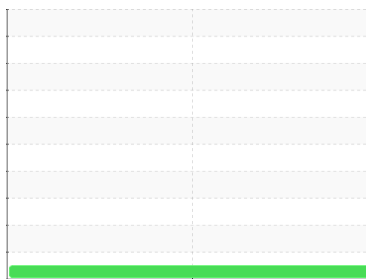




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area

**PCL**

Machine Id

**JCB 512-56 3267732**

Component

**Transmission (Manual)**

Fluid

**JCB (--- 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 fluid.

### Fluid Condition

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

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>JCB06153453</b>	---	---
Sample Date	Client Info		<b>05 Feb 2024</b>	---	---
Machine Age	hrs	Client Info	<b>699</b>	---	---
Oil Age	hrs	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	>0.1	<b>NEG</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184	>95	<b>24</b>	---	---
Iron	ppm	ASTM D5185m	>200	<b>62</b>	---
Chromium	ppm	ASTM D5185m	>5	<b>1</b>	---
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	---
Silver	ppm	ASTM D5185m	>7	<b>0</b>	---
Aluminum	ppm	ASTM D5185m	>25	<b>4</b>	---
Lead	ppm	ASTM D5185m	>45	<b>3</b>	---
Copper	ppm	ASTM D5185m	>225	<b>104</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>0</b>	---
Barium	ppm	ASTM D5185m		<b>8</b>	---
Molybdenum	ppm	ASTM D5185m		<b>1</b>	---
Manganese	ppm	ASTM D5185m		<b>3</b>	---
Magnesium	ppm	ASTM D5185m		<b>9</b>	---
Calcium	ppm	ASTM D5185m		<b>3028</b>	---
Phosphorus	ppm	ASTM D5185m		<b>1011</b>	---
Zinc	ppm	ASTM D5185m		<b>1192</b>	---
Sulfur	ppm	ASTM D5185m		<b>8040</b>	---

## CONTAMINANTS

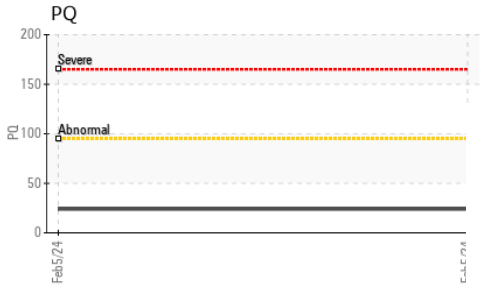
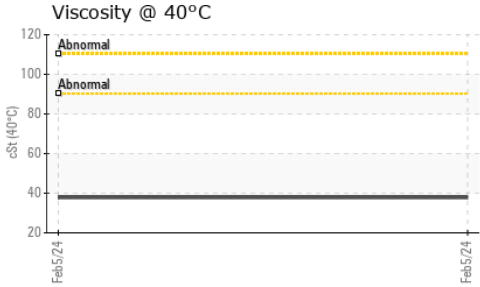
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	<b>9</b>	---
Sodium	ppm	ASTM D5185m		<b>1</b>	---
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	---

## 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	>0.1	<b>NEG</b>	---
Free Water	scalar	*Visual		<b>NEG</b>	---



# OIL ANALYSIS REPORT



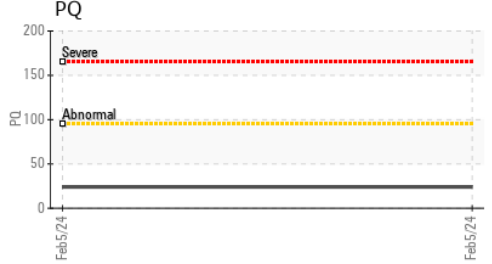
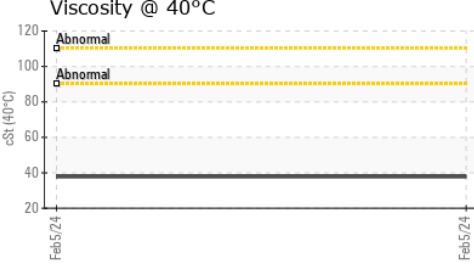
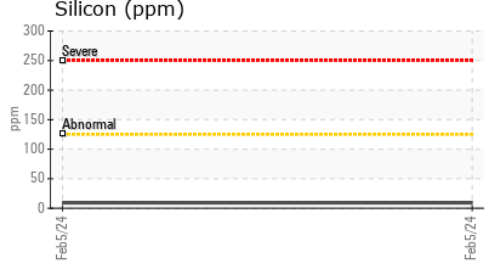
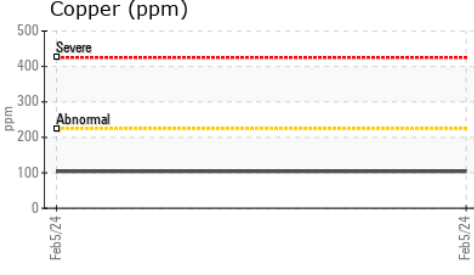
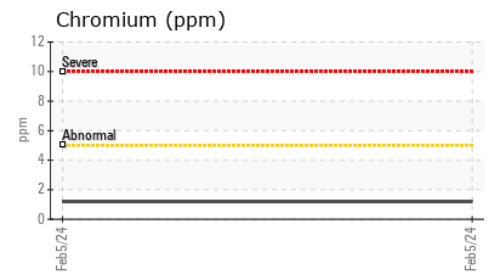
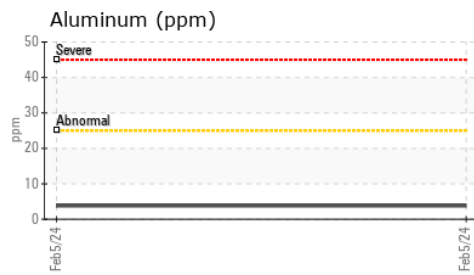
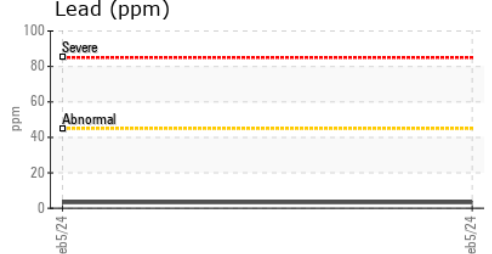
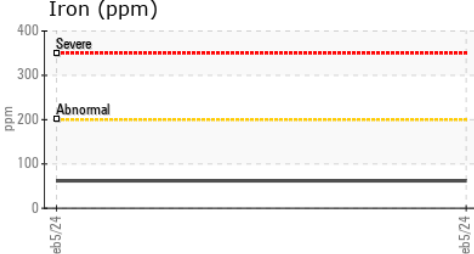
### FLUID PROPERTIES

Property	Method	Limit/Base	Current	History1	History2
Visc @ 40°C	cSt	ASTM D445	37.8	---	---

### SAMPLE IMAGES

Property	Method	Limit/Base	Current	History1	History2
Color				no image	no image
Bottom				no image	no image

### GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JCB06153453  
**Lab Number** : 06153453  
**Unique Number** : 10983531  
**Test Package** : MOB 1 ( Additional Tests: PQ )  
**Received** : 18 Apr 2024  
**Tested** : 22 Apr 2024  
**Diagnosed** : 22 Apr 2024 - Angela Borella

**JCB OF AUSTIN - ENERCO LLC - MANOR**  
 12916 EAST US HWY 290  
 MANOR, TX  
 US 78653  
 Contact:

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)

T:  
F: