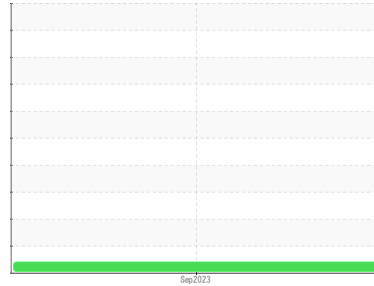




# FUEL REPORT

Sample Rating Trend



VIS DEBRIS



Machine Id  
**JCB 505-20 RL212 (S/N 3121096)**  
 Component  
**Diesel Fuel**  
 Fluid  
**JCB (--- GAL)**

## DIAGNOSIS

### ▲ Recommendation

This is a baseline read-out on the submitted sample. We recommend you service the filters on this component.

### Corrosion

All metal levels are normal indicating no corrosion in the system.

### ▲ Contaminants

Moderate concentration of visible dirt/debris present in the fuel. The water content is negligible.

### Fuel Condition

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

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>JCB004498</b>	---	---
Sample Date	Client Info	<b>12 Sep 2023</b>	---	---
Machine Age	hrs	Client Info	<b>760</b>	---
Sample Status			<b>ABNORMAL</b>	---

## PHYSICAL PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	<b>3.23</b>	---

## SULFUR CONTENT

method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	<b>0</b>	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>&lt;1</b>
Sodium	ppm	ASTM D5185m	<0.1	<b>0</b>
Potassium	ppm	ASTM D5185m	<0.1	<b>0</b>
Water	%	ASTM D6304	<0.05	<b>0.006</b>
ppm Water	ppm	ASTM D6304	<500	<b>62.9</b>

## HEAVY METALS

method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>
Vanadium	ppm	ASTM D5185m	<0.1	<b>0</b>
Iron	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>
Calcium	ppm	ASTM D5185m	<0.1	<b>0</b>
Magnesium	ppm	ASTM D5185m	<0.1	<b>0</b>
Phosphorus	ppm	ASTM D5185m	<0.1	<b>1</b>
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>

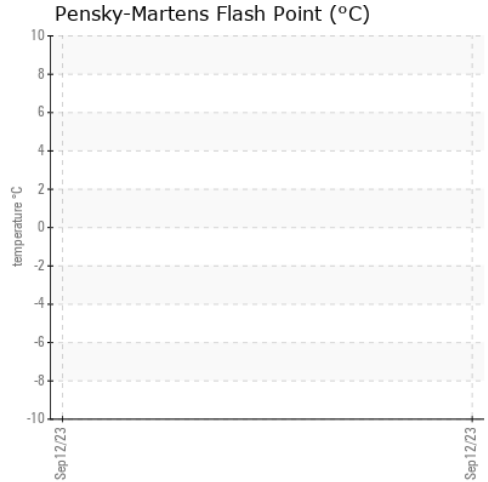
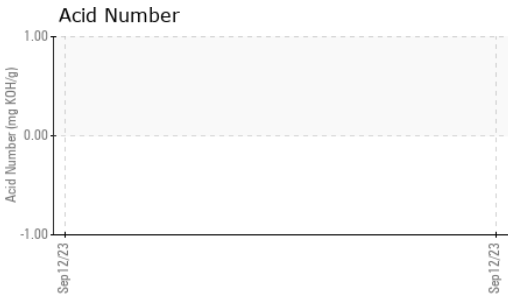
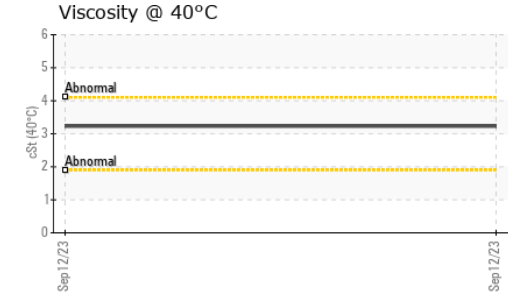
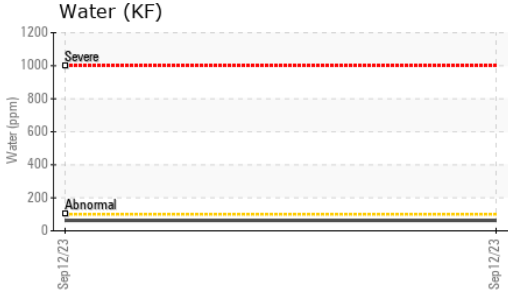
## SAMPLE IMAGES

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



# FUEL REPORT

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JCB004498 **Received** : 26 Sep 2023  
**Lab Number** : 05961557 **Diagnosed** : 29 Sep 2023  
**Unique Number** : 10662770 **Diagnostician** : Jonathan Hester  
**Test Package** : MOB 2 ( Additional Tests: KF )

**JCB OF SOUTHERN CALIFORNIA - FONTANA**  
 8089 CHERRY AVENUE  
 FONTANA, CA  
 US 92336

**Contact: AARON RODRIGUEZ**  
 aaron.rodriguez@socaljcb.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)

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