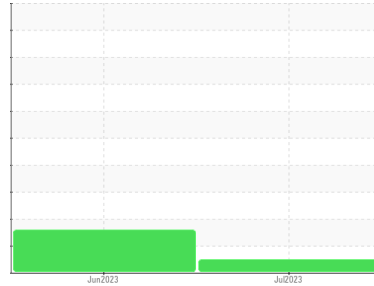




# FUEL REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**LIEBHERR 1400 CR4415 (S/N 074-414)**

Component  
**Diesel Fuel**  
Fluid  
**NOT GIVEN (9 GAL)**

## DIAGNOSIS

### Recommendation

This is a baseline read-out on the submitted sample. No corrective action is recommended at this time.

### Corrosion

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

### Contaminants

The water content is negligible. There is no indication of any contamination in the fuel.

### 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>WC0810426</b>	WC0746649	---
Sample Date	Client Info			<b>31 Jul 2023</b>	15 Jun 2023	---
Machine Age	hrs	Client Info		<b>9662</b>	9113	---
Sample Status				<b>NORMAL</b>	ABNORMAL	---

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		<b>2.89</b>	2.57	---

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

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>0</b>	0	---
Sodium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	---
Potassium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0	---
Water	%	ASTM D6304	<0.05	<b>0.003</b>	0.004	---
ppm Water	ppm	ASTM D6304	<500	<b>38.6</b>	47.8	---

HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0	---
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	0	---
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	---
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	3	---
Calcium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	---
Magnesium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	---
Phosphorus	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0	---
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>	0	---

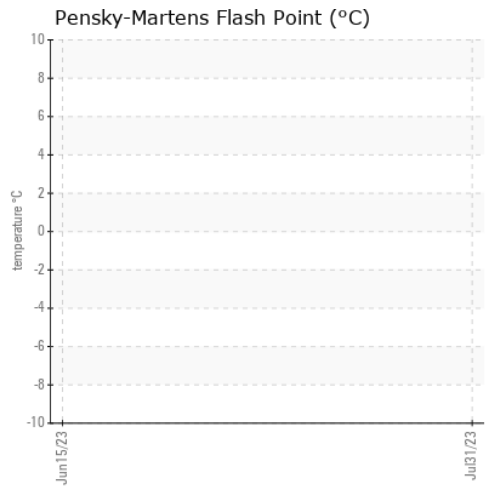
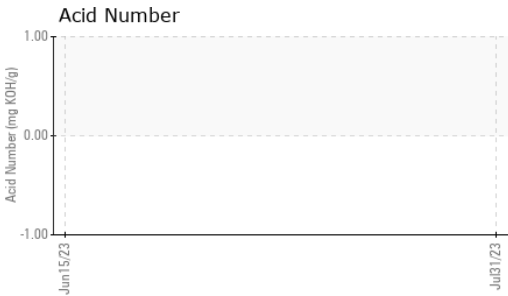
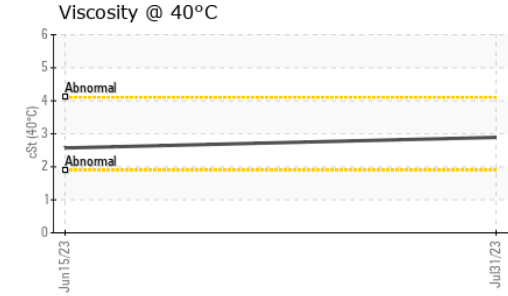
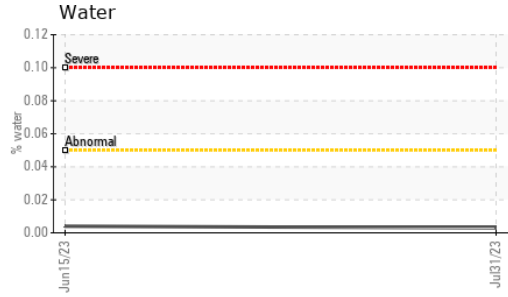
SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color						no image
Bottom						no image



# FUEL REPORT

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0810426 **Received** : 15 Aug 2023  
**Lab Number** : 05925695 **Diagnosed** : 17 Aug 2023  
**Unique Number** : 10605642 **Diagnostician** : Jonathan Hester  
**Test Package** : CONST ( Additional Tests: KF, SCREEN )

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)

**BUCKNER - WILLIS**  
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 WILLIS, TX  
 US 77378  
 Contact: JOHN HAWKINS  
 johnh@bucknercompanies.com

T:  
F: