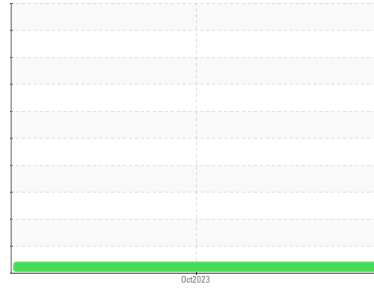


Sample Rating Trend



VIS DEBRIS



Area
[BIGGIE CRANE]
 Machine Id
LIEBHERR LR1700 046254
 Component
Diesel Fuel
 Fluid
NOT GIVEN (--- LTR)

COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status

ABNORMAL ---

Customer Id: LIENEW
Sample No.: LH0254448
Lab Number: 05998554
Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

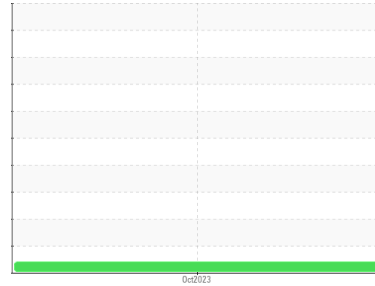
To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.

HISTORICAL DIAGNOSIS

Area
[BIGGIE CRANE]
 Machine Id
LIEBHERR LR1700 046254
 Component
Diesel Fuel
 Fluid
NOT GIVEN (--- LTR)



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			LH0254448	---	---
Sample Date	Client Info			25 Oct 2023	---	---
Machine Age	hrs	Client Info		1626	---	---
Sample Status				ABNORMAL	---	---

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		2.82	---	---

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		10	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1	---	---
Sodium	ppm	ASTM D5185m	<0.1	<1	---	---
Potassium	ppm	ASTM D5185m	<0.1	0	---	---
Water	%	ASTM D6304	<0.05	0.002	---	---
ppm Water	ppm	ASTM D6304	<500	22.7	---	---

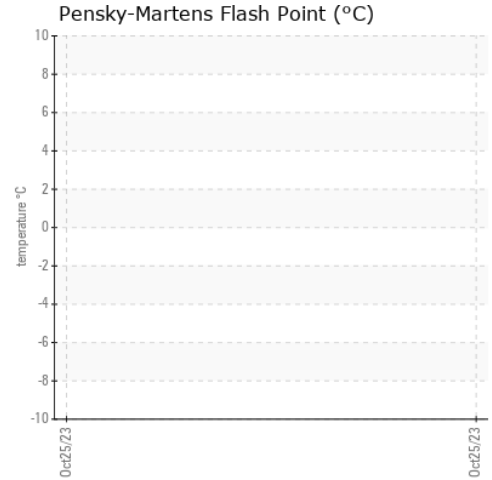
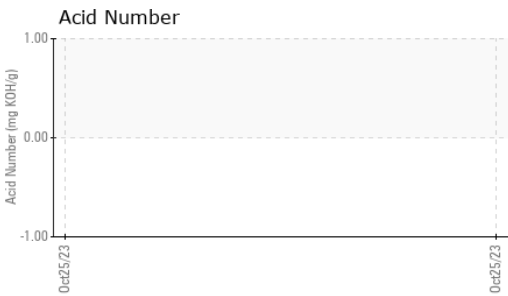
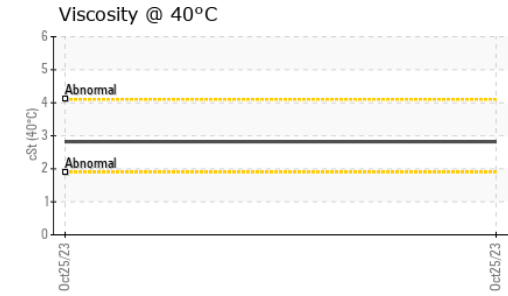
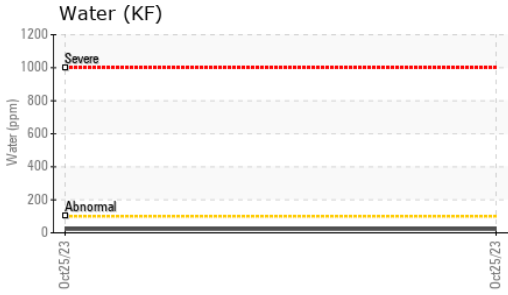
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0	---	---
Nickel	ppm	ASTM D5185m	<0.1	0	---	---
Lead	ppm	ASTM D5185m	<0.1	0	---	---
Vanadium	ppm	ASTM D5185m	<0.1	0	---	---
Iron	ppm	ASTM D5185m	<0.1	0	---	---
Calcium	ppm	ASTM D5185m	<0.1	0	---	---
Magnesium	ppm	ASTM D5185m	<0.1	0	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	0	---	---
Zinc	ppm	ASTM D5185m	<0.1	2	---	---

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. : LH0254448 **Received** : 03 Nov 2023
Lab Number : 05998554 **Diagnosed** : 07 Nov 2023
Unique Number : 10726914 **Diagnostician** : Jonathan Hester
Test Package : CONST (Additional Tests: KF, SCREEN)

LIEBHERR USA CO - MOBILE AND CRAWLER CRANES
 4100 CHESTNUT AVENUE
 NEWPORT NEWS, VA
 US 23607
 Contact: JOHNATHAN SMITH
 johnathan.smith@liebherr.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)

T:
F: