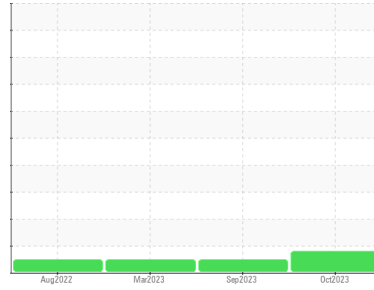




PROBLEM SUMMARY

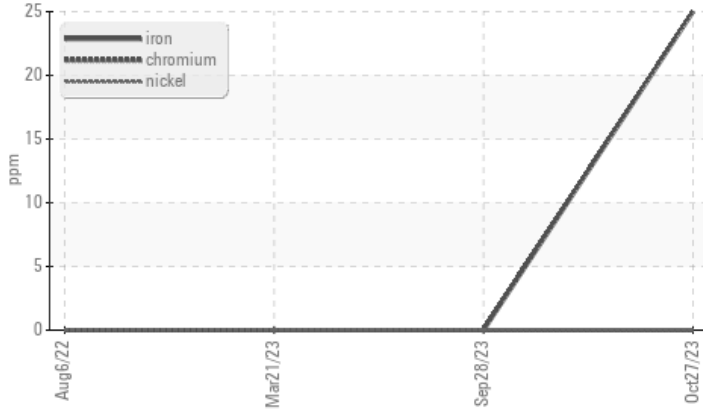
Sample Rating Trend



Machine Id
HC2203
 Component
Diesel Fuel
 Fluid
NOT GIVEN (--- GAL)

COMPONENT CONDITION SUMMARY

▲ Ferrous Alloys



RECOMMENDATION

No corrective action is recommended at this time. We advise an early resample to confirm this situation.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	<0.1	▲ 25	0	0

Customer Id: BUCGRA
Sample No.: WC0687301
Lab Number: 06010435
Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Doug Bogart +1 (800)237-1369 x4016
dougb@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
Resample	---	---	?	We advise an early resample to confirm this situation.

HISTORICAL DIAGNOSIS

28 Sep 2023 Diag: Doug Bogart

NORMAL



This is a baseline read-out on the submitted sample. All metal levels are normal indicating no corrosion in the system. The water content is negligible. There is no indication of any contamination in the fuel. The condition of the fuel is acceptable for the time in service.

view report



21 Mar 2023 Diag: Jonathan Hester

NORMAL



This is a baseline read-out on the submitted sample. All metal levels are normal indicating no corrosion in the system. The water content is negligible. There is no indication of any contamination in the fuel. The condition of the fuel is acceptable for the time in service.

view report



06 Aug 2022 Diag: Jonathan Hester

NORMAL



This is a baseline read-out on the submitted sample. All metal levels are normal indicating no corrosion in the system. The water content is negligible. There is no indication of any contamination in the fuel. The condition of the fuel is acceptable for the time in service.

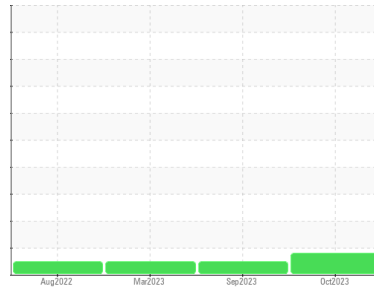
view report





FUEL REPORT

Sample Rating Trend



WEAR



Machine Id
HC2203
 Component
Diesel Fuel
 Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. We advise an early resample to confirm this situation.

▲ Corrosion

The iron level is abnormal.

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			WC0687301	WC0823663	WC0784938
Sample Date	Client Info			27 Oct 2023	28 Sep 2023	21 Mar 2023
Machine Age	hrs	Client Info		6036	5964	5720
Sample Status				ABNORMAL	NORMAL	NORMAL

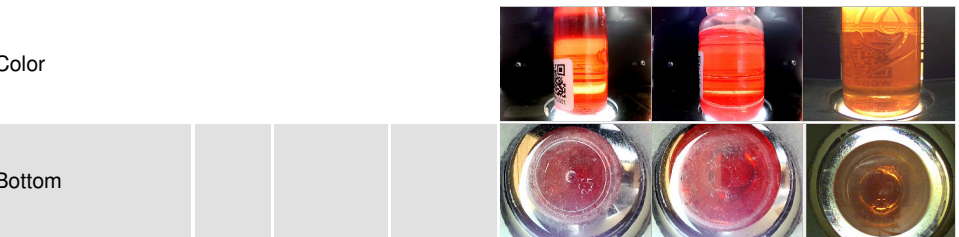
PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		2.72	2.75	2.42

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0	0	30

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0	0	0
Sodium	ppm	ASTM D5185m	<0.1	2	0	0
Potassium	ppm	ASTM D5185m	<0.1	0	0	<1
Water	%	ASTM D6304	<0.05	0.003	0.003	0.003
ppm Water	ppm	ASTM D6304	<500	37.6	38.7	25.8

HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0	0	0
Nickel	ppm	ASTM D5185m	<0.1	0	0	0
Lead	ppm	ASTM D5185m	<0.1	0	0	0
Vanadium	ppm	ASTM D5185m	<0.1	0	0	0
Iron	ppm	ASTM D5185m	<0.1	▲ 25	0	0
Calcium	ppm	ASTM D5185m	<0.1	0	5	0
Magnesium	ppm	ASTM D5185m	<0.1	0	0	0
Phosphorus	ppm	ASTM D5185m	<0.1	0	2	0
Zinc	ppm	ASTM D5185m	<0.1	0	0	0

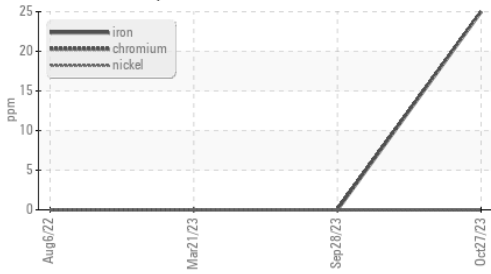
SAMPLE IMAGES		method	limit/base	current	history1	history2
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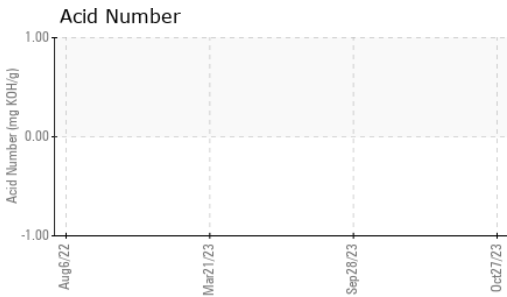
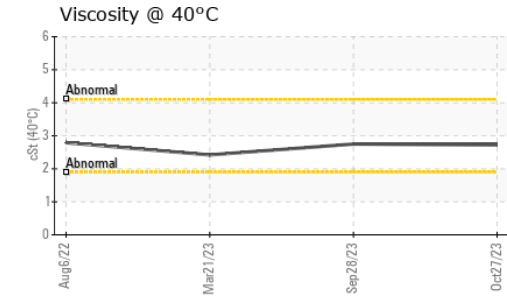
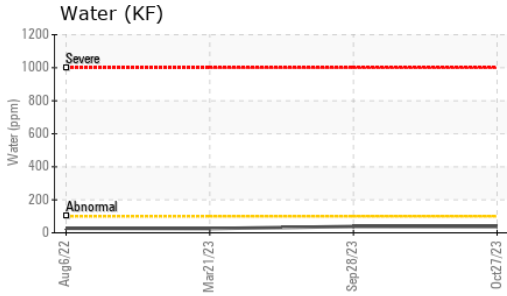
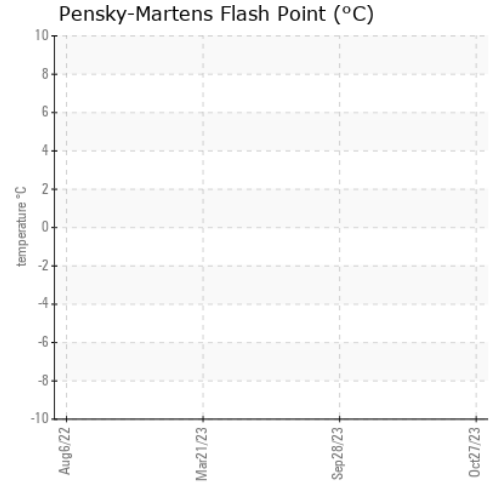


FUEL REPORT

▲ Ferrous Alloys



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0687301 **Received** : 16 Nov 2023
Lab Number : **06010435** **Diagnosed** : 05 Dec 2023
Unique Number : 10749579 **Diagnostician** : Doug Bogart
Test Package : CONST (Additional Tests: KF)

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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