



FUEL REPORT

Sample Rating Trend

WATER

Area
Nashville
Machine Id
[Nashville] Diesel - #2 Port

Component
Diesel Fuel
Fluid
No.2 DIESEL FUEL (ULTRALOW SULPHUR) (13072 GAL)



DIAGNOSIS

▲ Recommendation

This is a baseline read-out on the submitted sample. We advise that you follow the water drain-off procedure for this component. We recommend you service the filters on this component.

Corrosion

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

▲ Contaminants

Free water present. Moderate concentration of visible dirt/debris present 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	WC0683329	---	---
Sample Date	Client Info	13 Jun 2023	---	---
Machine Age	hrs	Client Info	0	---
Sample Status			ABNORMAL	---

PHYSICAL PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	3.0	2.2	---

SULFUR CONTENT

method	limit/base	current	history1	history2	
Sulfur	ppm	ASTM D5185m	10	0	---

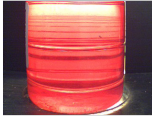

CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	<1.0	0	---
Sodium	ppm	ASTM D5185m	<0.1	0	---
Potassium	ppm	ASTM D5185m	<0.1	<1	---
Water	%	ASTM D6304	<0.05	0.005	---
ppm Water	ppm	ASTM D6304	<500	50.1	---

HEAVY METALS

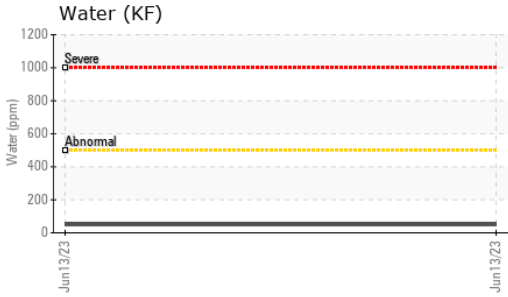
method	limit/base	current	history1	history2	
Aluminum	ppm	ASTM D5185m	<0.1	0	---
Nickel	ppm	ASTM D5185m	<0.1	0	---
Lead	ppm	ASTM D5185m	<0.1	0	---
Vanadium	ppm	ASTM D5185m	<0.1	0	---
Iron	ppm	ASTM D5185m	<0.1	<1	---
Calcium	ppm	ASTM D5185m	<0.1	<1	---
Magnesium	ppm	ASTM D5185m	<0.1	<1	---
Phosphorus	ppm	ASTM D5185m	<0.1	3	---
Zinc	ppm	ASTM D5185m	<0.1	1	---

SAMPLE IMAGES

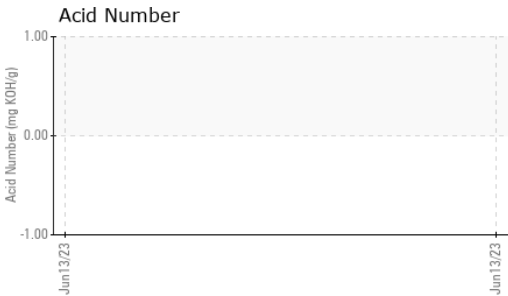
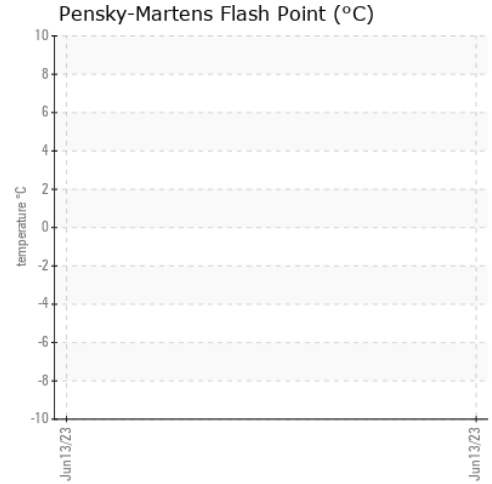
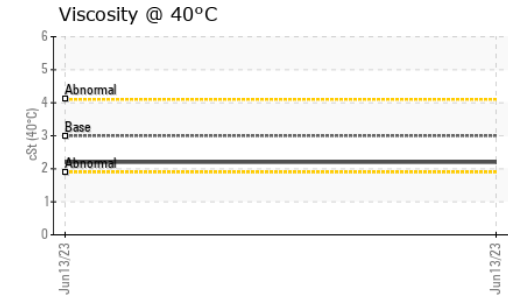
method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image



FUEL REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0683329 **Recieved** : 19 Jun 2023
Lab Number : **05877402** **Diagnosed** : 21 Jun 2023
Unique Number : 10522505 **Diagnostician** : Jonathan Hester
Test Package : IND 2 (Additional Tests: Bacteria, 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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