



FUEL REPORT

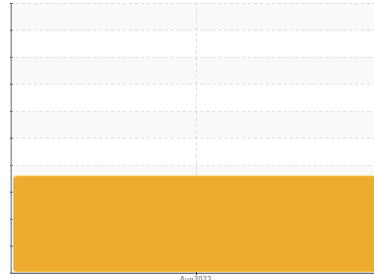
Sample Rating Trend

CONTAMINANT



Machine Id
EDGEWATER LS - SARASOTA COUNTY

Component
Tank Diesel Fuel
Fluid
NOT GIVEN (200 GAL)



DIAGNOSIS

Recommendation

We advise that you check for the source of gasoline entry. Recommend check previous fuel deliveries.

Corrosion

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

Contaminants

Excessive gasoline present. The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample.

Fuel Condition

Gasoline is present in the fuel and is lowering the viscosity. The fuel is no longer serviceable due to the presence of contaminants. Sulfur value derived by ASTM D5453 method for ULSD validation. Sulfur level is acceptable for ULSD specification.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WCDF4453	---	---
Sample Date	Client Info	08 Aug 2023	---	---
Machine Age	mls	0	---	---
Sample Status		SEVERE	---	---

PHYSICAL PROPERTIES

method	limit/base	current	history1	history2
ASTM Color	scalar *ASTM D1500	L4.0	---	---
Visc @ 40°C	cSt ASTM D445	1.6	---	---

SULFUR CONTENT

method	limit/base	current	history1	history2
Sulfur	ppm ASTM D5185m	0	---	---
Sulfur (UVF)	ppm ASTM D5453	12	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m	<1	---	---
Sodium	ppm ASTM D5185m	0	---	---
Potassium	ppm ASTM D5185m	0	---	---
Water	% ASTM D6304	0.032	---	---
ppm Water	ppm ASTM D6304	328.1	---	---
% Gasoline	% *In-House	17.5	---	---
% Biodiesel	% *In-House	0.0	---	---

HEAVY METALS

method	limit/base	current	history1	history2
Aluminum	ppm ASTM D5185m	0	---	---
Nickel	ppm ASTM D5185m	0	---	---
Lead	ppm ASTM D5185m	0	---	---
Vanadium	ppm ASTM D5185m	0	---	---
Iron	ppm ASTM D5185m	0	---	---
Calcium	ppm ASTM D5185m	3	---	---
Magnesium	ppm ASTM D5185m	<1	---	---
Phosphorus	ppm ASTM D5185m	2	---	---
Zinc	ppm ASTM D5185m	0	---	---

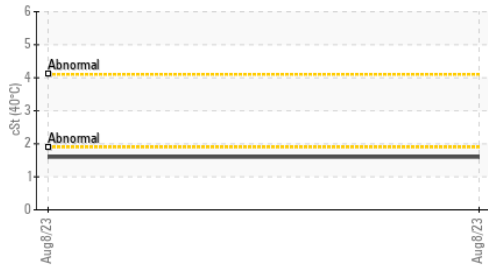
SAMPLE IMAGES

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



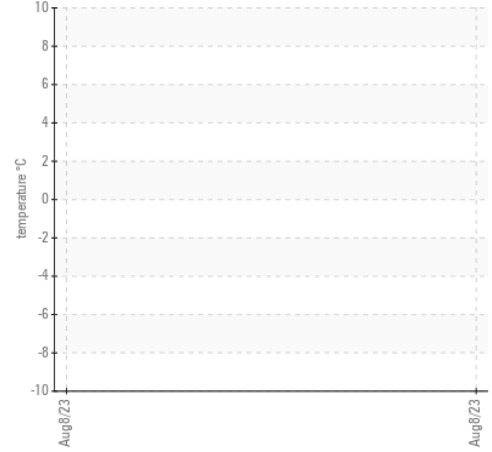
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▲ Viscosity @ 40°C

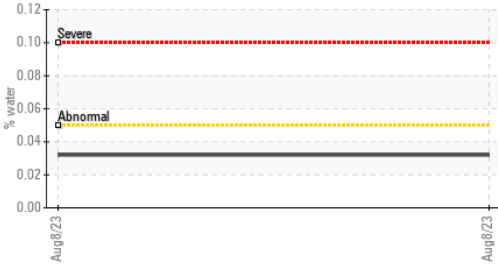


GRAPHS

Pensky-Martens Flash Point (°C)



Water



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WCDF4453 **Received** : 15 Aug 2023
Lab Number : 05925200 **Diagnosed** : 22 Aug 2023
Unique Number : 10605147 **Diagnostician** : Doug Bogart
Test Package : DF-5 (Additional Tests: Screen, Sulphur-Active)

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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