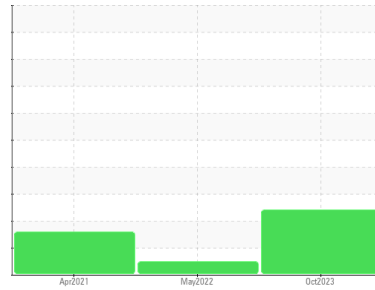




FUEL REPORT

Sample Rating Trend



WATER



Area
[W127667]
 Machine Id
GENERAC SPRENGER HEALTH CARE
 Component
Diesel Fuel
 Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

▲ Recommendation

We advise that you follow the water drain-off procedure for this component.

Corrosion

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

▲ Contaminants

Free water present. There is a moderate amount of visible silt present in the sample. There is no bacteria or fungus (yeast and/or mold) present in the sample.

Fuel Condition

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	WC0797406	WCDF01232	WCDF03773
Sample Date	Client Info	31 Oct 2023	26 May 2022	01 Apr 2021
Machine Age	hrs	0	0	0
Sample Status		ABNORMAL	NORMAL	ABNORMAL

PHYSICAL PROPERTIES

method	limit/base	current	history1	history2
ASTM Color	scalar *ASTM D1500	L4.0	L5.5	L5.0
Visc @ 40°C	cSt ASTM D445	2.53	2.56	2.79

SULFUR CONTENT

method	limit/base	current	history1	history2
Sulfur	ppm ASTM D5185m	8	0	43
Sulfur (UVF)	ppm ASTM D5453	10	11	50

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m	4	0	2
Sodium	ppm ASTM D5185m	1	0	2
Potassium	ppm ASTM D5185m	0	0	16
Water	% ASTM D6304	0.022	0.003	0.011
ppm Water	ppm ASTM D6304	227.0	34.0	113.4
% Gasoline	% *In-House	0.0	0.0	0.0
% Biodiesel	% *In-House	0.0	0.0	0.0

MICROBIAL

method	limit/base	current	history1	history2
Bacteria	CFU/ml WC-Method	0	---	0
Yeast	CFU/ml WC-Method	0	---	100
Mold	Colonies WC-Method	---	---	---

HEAVY METALS

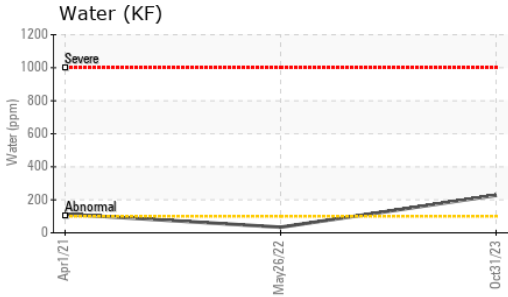
method	limit/base	current	history1	history2
Aluminum	ppm ASTM D5185m	0	<1	<1
Nickel	ppm ASTM D5185m	0	<1	<1
Lead	ppm ASTM D5185m	0	0	2
Vanadium	ppm ASTM D5185m	0	0	0
Iron	ppm ASTM D5185m	0	0	0
Calcium	ppm ASTM D5185m	0	0	▲ 36
Magnesium	ppm ASTM D5185m	0	0	21
Phosphorus	ppm ASTM D5185m	0	0	▲ 7
Zinc	ppm ASTM D5185m	0	0	▲ 10

SAMPLE IMAGES

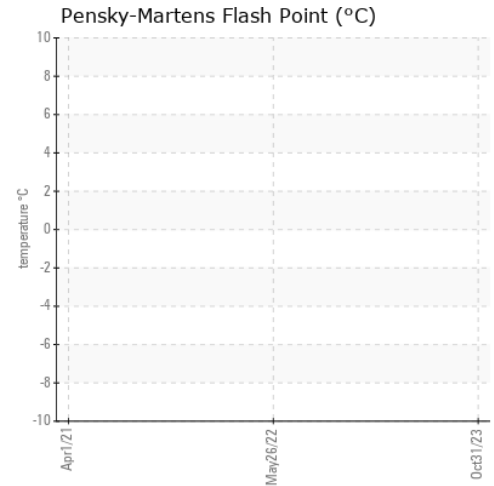
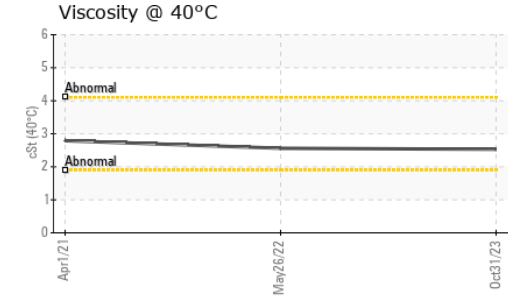
method	limit/base	current	history1	history2
Color				
Bottom				



FUEL REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0797406 **Received** : 06 Nov 2023
Lab Number : 05999492 **Diagnosed** : 14 Nov 2023
Unique Number : 10727852 **Diagnostician** : Doug Bogart
Test Package : DF-5 (Additional Tests: Bacteria, 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)

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