



FUEL REPORT

Sample Rating Trend

WATER



Area
[TANK 4]
 Machine Id
JR CONTRACTING
 Component
Diesel Fuel
 Fluid
{not provided} (--- GAL)



DIAGNOSIS

- Recommendation**
We advise that you follow the water drain-off procedure for this component. We advise an early resample to confirm this situation. Please note that the fuel was too contaminated to accurately perform the normal laboratory tests.
- Corrosion**
The iron level is abnormal.
- Contaminants**
Sample consists almost entirely of free water. High concentration of visible dirt/debris present in the fuel. There is a high amount of visible silt present in the sample. There is no bacteria or fungus (yeast and/or mold) present in the sample.
- Fuel Condition**
The fuel is no longer serviceable due to the presence of contaminants.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			AOL06125314	---	---
Sample Date	Client Info			14 Mar 2024	---	---
Machine Age	mls	Client Info		0	---	---
Sample Status				SEVERE	---	---

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		L5.5	---	---
Visc @ 40°C	cSt	ASTM D445		1.29	---	---

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		186	---	---
Sulfur (UVF)	ppm	ASTM D5453		89	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1	---	---
Sodium	ppm	ASTM D5185m	<0.1	0	---	---
Potassium	ppm	ASTM D5185m	<0.1	6	---	---
% Gasoline	%	*In-House	<0.50	2.1	---	---
% Biodiesel	%	*In-House	<20.0	0.0	---	---

MICROBIAL		method	limit/base	current	history1	history2
Bacteria	CFU/ml	WC-Method	>=100000	0	---	---
Yeast	CFU/ml	WC-Method	>=100000	0	---	---
Mold	Colonies	WC-Method	MODER	---	---	---

HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<1	---	---
Nickel	ppm	ASTM D5185m	<0.1	0	---	---
Lead	ppm	ASTM D5185m	<0.1	1	---	---
Vanadium	ppm	ASTM D5185m	<0.1	<1	---	---
Iron	ppm	ASTM D5185m	<0.1	201	---	---
Calcium	ppm	ASTM D5185m	<0.1	10	---	---
Magnesium	ppm	ASTM D5185m	<0.1	0	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	603	---	---
Zinc	ppm	ASTM D5185m	<0.1	5	---	---

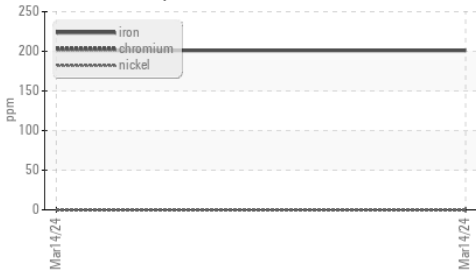
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image

FUEL REPORT

▲ Viscosity @ 40°C

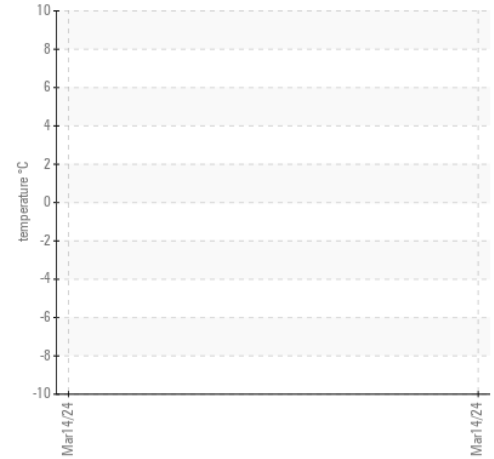


▲ Ferrous Alloys



GRAPHS

Pensky-Martens Flash Point (°C)



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : AOL06125314 **Received** : 21 Mar 2024
Lab Number : **06125314** **Tested** : 08 Apr 2024
Unique Number : 10939465 **Diagnosed** : 08 Apr 2024 - 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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