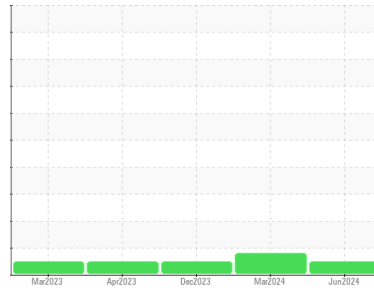




# FUEL REPORT

## Sample Rating Trend



**NORMAL**



Machine Id

## SPACE X ASOG - MAIN

Component

### Tank Diesel Fuel

Fluid

### No.2 DIESEL FUEL (HIGH-SULPHUR) (120000 GAL)

#### DIAGNOSIS

##### Recommendation

All laboratory tests indicate that this sample meets specifications for No.2 diesel fuel.

##### Corrosion

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

##### Contaminants

The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. There is no indication of any contamination in the fuel.

##### Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WCDF4630</b>	WCDF4566	WCDF4494
Sample Date	Client Info			<b>11 Jun 2024</b>	21 Mar 2024	22 Dec 2023
Machine Age	mls	Client Info		<b>0</b>	0	0
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

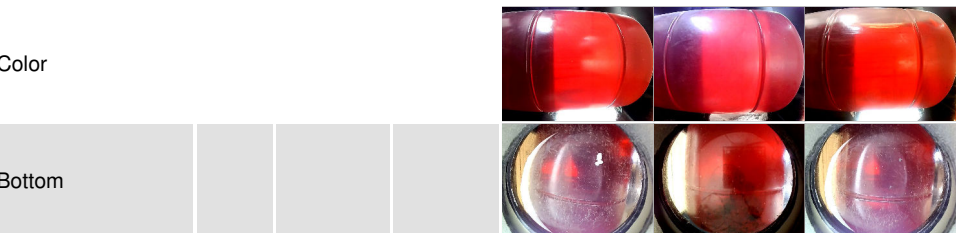
PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		<b>L4.5</b>	L5.0	L5.0
Visc @ 40°C	cSt	ASTM D445	3.0	<b>3.76</b>	3.76	3.77

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	500	<b>0</b>	816	757
Sulfur (UVF)	ppm	ASTM D5453		<b>678</b>	745	566

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>0</b>	0	0
Sodium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	2	0
Potassium	ppm	ASTM D5185m	<0.1	<b>0</b>	<1	0
Water	%	ASTM D6304	<0.05	<b>0.006</b>	0.005	0.009
ppm Water	ppm	ASTM D6304	<500	<b>66</b>	50	94
% Gasoline	%	*In-House	<0.50	<b>0.0</b>	0.0	0.0
% Biodiesel	%	*In-House	<20.0	<b>0.0</b>	0.0	0.0

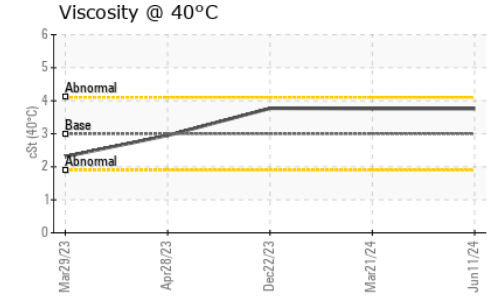
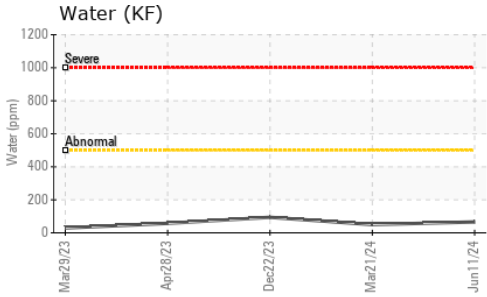
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	0	1
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m	<0.1	<b>0</b>	<1	0
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	0	<1
Calcium	ppm	ASTM D5185m	<0.1	<b>0</b>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

SAMPLE IMAGES		method	limit/base	current	history1	history2
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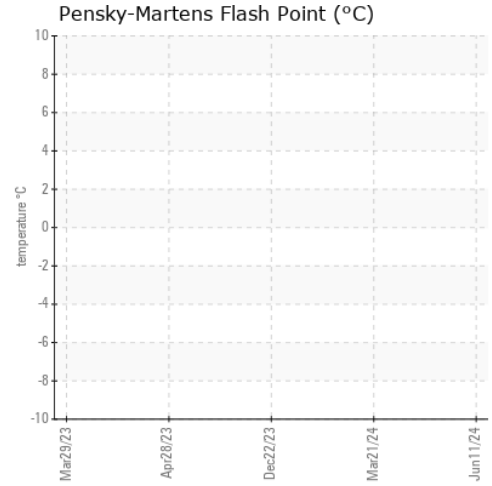




# FUEL REPORT



## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WCDF4630 **Received** : 14 Jun 2024  
**Lab Number** : 06210642 **Tested** : 20 Jun 2024  
**Unique Number** : 11083506 **Diagnosed** : 20 Jun 2024 - Elizabeth Valachovic  
**Test Package** : DF-5 ( Additional Tests: PritCount, 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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 wendall@tankwizards.com  
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 F: (321)574-4131