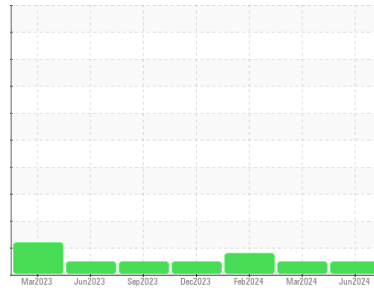




# FUEL REPORT

## Sample Rating Trend



**NORMAL**



Machine Id

## SPACE X JRTI - GEN 3

Component

Tank Diesel Fuel

Fluid

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (2500 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>WCDF4621</b>	WCDF4516	WCDF4500
Sample Date	Client Info			<b>08 Jun 2024</b>	05 Mar 2024	15 Feb 2024
Machine Age	mls	Client Info		<b>0</b>	0	0
Sample Status				<b>NORMAL</b>	NORMAL	MARGINAL

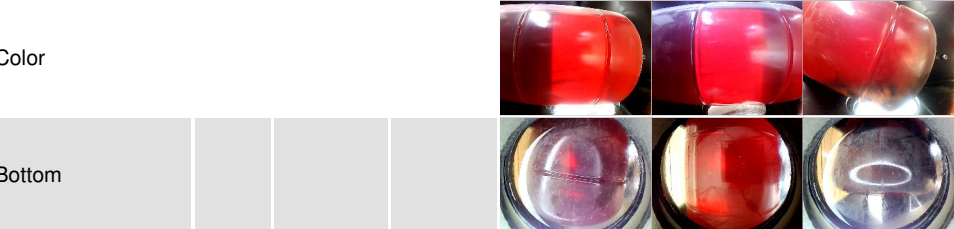
PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		<b>L5.0</b>	L4.5	L5.0
Visc @ 40°C	cSt	ASTM D445	3.0	<b>2.99</b>	3.17	3.17

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	<b>223</b>	0	9
Sulfur (UVF)	ppm	ASTM D5453		<b>1575</b>	37	22

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>&lt;1</b>	0	0
Sodium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0	<1
Potassium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0	<1
Water	%	ASTM D6304	<0.05	<b>0.005</b>	0.006	0.027
ppm Water	ppm	ASTM D6304	<500	<b>52</b>	61	275
% Gasoline	%	*In-House	<0.50	<b>0.0</b>	0.0	0.0
% Biodiesel	%	*In-House	<20.0	<b>0.0</b>	1.7	2.6

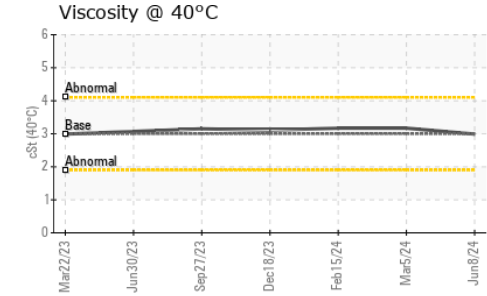
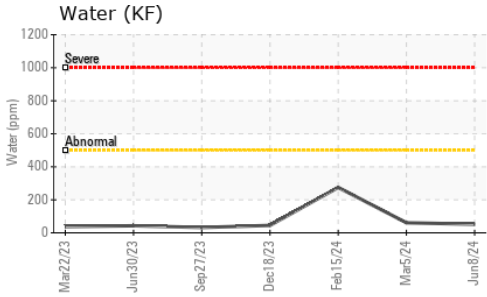
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	0	<1
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0	0
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Calcium	ppm	ASTM D5185m	<0.1	<b>0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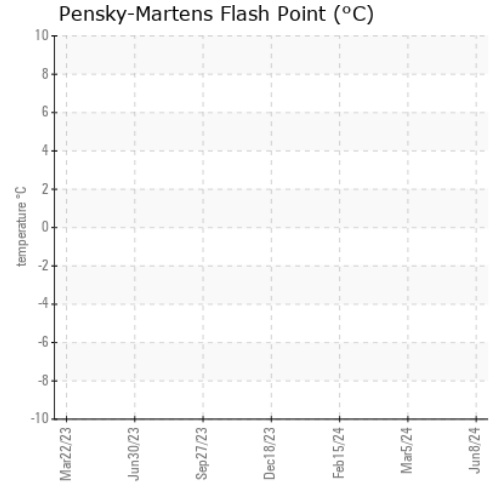




# FUEL REPORT



## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WCDF4621 **Received** : 12 Jun 2024  
**Lab Number** : 06208238 **Tested** : 20 Jun 2024  
**Unique Number** : 11075699 **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