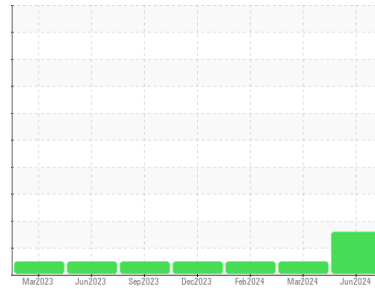




# FUEL REPORT

## Sample Rating Trend



**WATER**



Machine Id

## SPACE X JRTI - GEN 4

Component

### Tank Diesel Fuel

Fluid

### No.2 DIESEL FUEL (ULTRALOW SULPHUR) (2500 GAL)

#### DIAGNOSIS

##### ▲ Recommendation

We advise that you follow the water drain-off procedure for this component if applicable. All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel.

##### Corrosion

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

##### ▲ Contaminants

Free water present. There is no bacteria or fungus (yeast and/or mold) indicated 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		<b>WCDF4622</b>	WCDF4517	WCDF4501
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>MARGINAL</b>	NORMAL	NORMAL

#### PHYSICAL PROPERTIES

	method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500	<b>L4.5</b>	L4.5	L4.5
Visc @ 40°C	cSt	ASTM D445	<b>3.0</b>	2.6	2.99

#### SULFUR CONTENT

	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	<b>10</b>	8	7
Sulfur (UVF)	ppm	ASTM D5453	<b>15</b>	13	20

#### CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>0</b>	0
Sodium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0
Potassium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0
Water	%	ASTM D6304	<0.05	<b>0.004</b>	0.003
ppm Water	ppm	ASTM D6304	<500	<b>49</b>	36
% Gasoline	%	*In-House	<0.50	<b>0.0</b>	0.0
% Biodiesel	%	*In-House	<20.0	<b>0.0</b>	0.0

#### HEAVY METALS

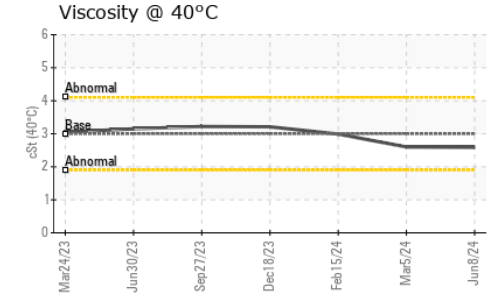
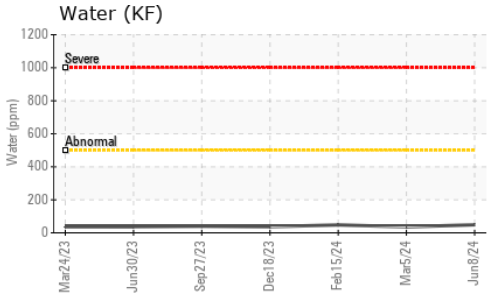
	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	0
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	0
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>	0
Vanadium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	0
Calcium	ppm	ASTM D5185m	<0.1	<b>2</b>	0
Magnesium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0
Phosphorus	ppm	ASTM D5185m	<0.1	<b>0</b>	0
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>	0

#### SAMPLE IMAGES

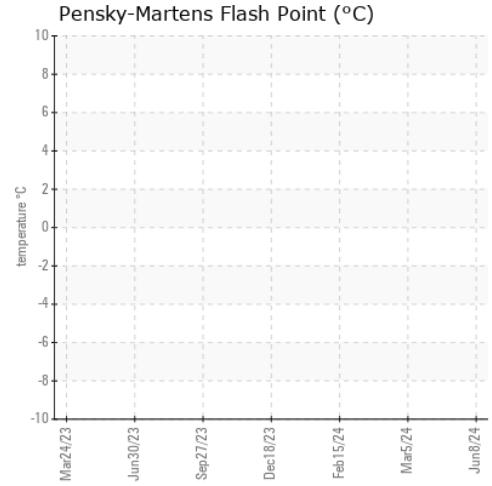
	method	limit/base	current	history1	history2
Color					
Bottom					



# FUEL REPORT



## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WCDF4622      **Received** : 12 Jun 2024  
**Lab Number** : 06208233      **Tested** : 21 Jun 2024  
**Unique Number** : 11075694      **Diagnosed** : 21 Jun 2024 - Doug Bogart  
**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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