



# FUEL REPORT

Sample Rating Trend



ISO



Machine Id

## CUMMINS GEN 2 - HEALTHCOAT

Component

Tank Diesel Fuel

Fluid

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)

### DIAGNOSIS

#### Recommendation

We advise that you filter this fluid before use. Resample at the next service interval to monitor.

#### Corrosion

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

#### Contaminants

There is a moderate amount of particulates present in the fuel. The water content is negligible.

#### Fuel Condition

All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel (US EPA/CGSB-3.517-3 type B).

### SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	DC0030157	---	---
Sample Date	Client Info	14 Apr 2024	---	---
Machine Age	hrs	Client Info	0	---
Sample Status		ATTENTION	---	---

### PHYSICAL PROPERTIES

method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500	L4.5	---
Visc @ 40°C	cSt	ASTM D445	3.0	2.49

### SULFUR CONTENT

method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0
Sulfur (UVF)	ppm	ASTM D5453		14

### IGNITION QUALITY

method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	36.4

### CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0
Sodium	ppm	ASTM D5185m	<0.1	<1
Potassium	ppm	ASTM D5185m	<0.1	<1
Water	%	ASTM D6304	<0.05	0.003
ppm Water	ppm	ASTM D6304	<500	32
% Gasoline	%	*In-House	<0.50	0.0
% Biodiesel	%	*In-House	<20.0	0.0

### FLUID CLEANLINESS

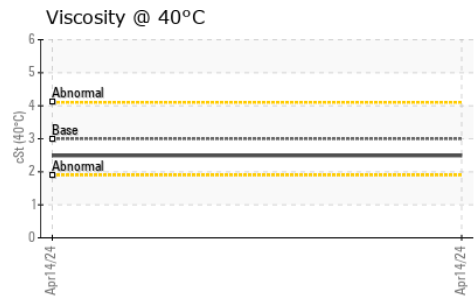
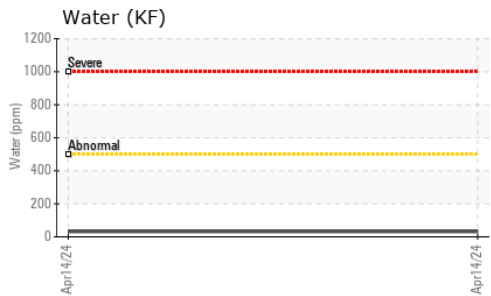
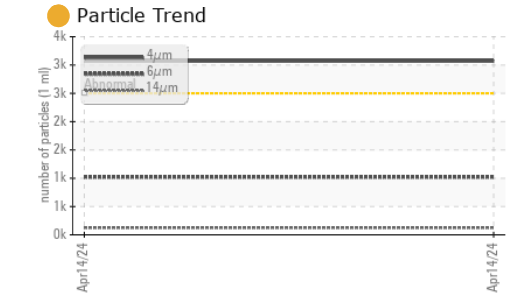
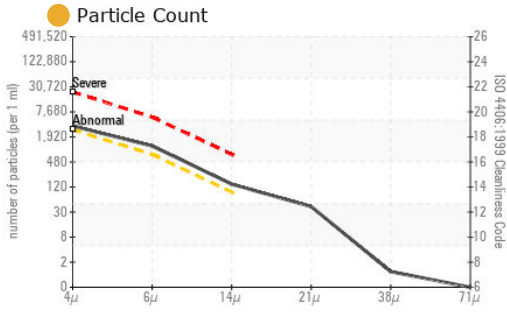
method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>2500	3070	---
Particles >6µm	ASTM D7647	>640	1022	---
Particles >14µm	ASTM D7647	>80	124	---
Particles >21µm	ASTM D7647	>20	36	---
Particles >38µm	ASTM D7647	>4	1	---
Particles >71µm	ASTM D7647	>3	0	---
Oil Cleanliness	ISO 4406 (c)	>18/16/13	19/17/14	---

### HEAVY METALS

method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0
Nickel	ppm	ASTM D5185m	<0.1	0
Lead	ppm	ASTM D5185m	<0.1	0
Vanadium	ppm	ASTM D5185m	<0.1	0
Iron	ppm	ASTM D5185m	<0.1	0
Calcium	ppm	ASTM D5185m	<0.1	2
Magnesium	ppm	ASTM D5185m	<0.1	0
Phosphorus	ppm	ASTM D5185m	<0.1	0
Zinc	ppm	ASTM D5185m	<0.1	0

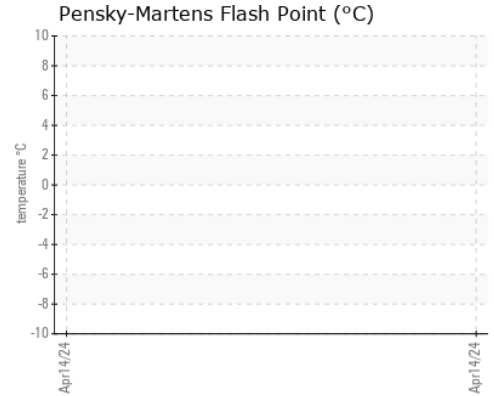


# FUEL REPORT



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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : DC0030157 **Received** : 15 Apr 2024  
**Lab Number** : 06149230 **Tested** : 26 Apr 2024  
**Unique Number** : 10979308 **Diagnosed** : 26 Apr 2024 - Angela Borella  
**Test Package** : DF-5 ( Additional Tests: API, Cetane, Fuel, 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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