



# FUEL REPORT

CORROSION	NORMAL
CONTAMINANTS	ATTENTION
FUEL CONDITION	NORMAL

Machine Id  
**CUMMINS GEN 2 - HEALTHCOAT**

Component  
**Tank Diesel Fuel**

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

## 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.

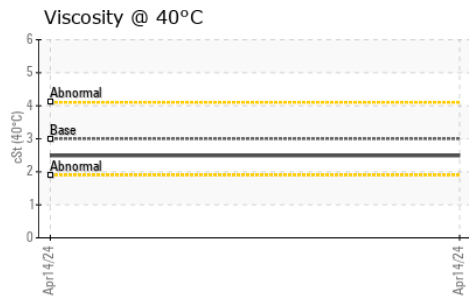
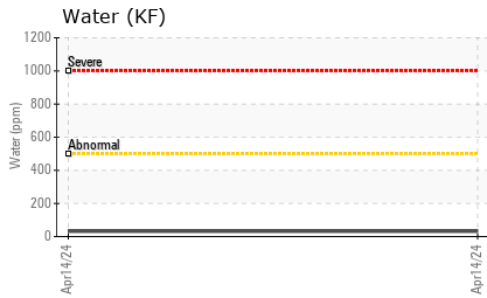
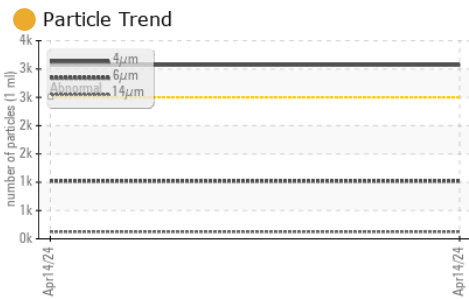
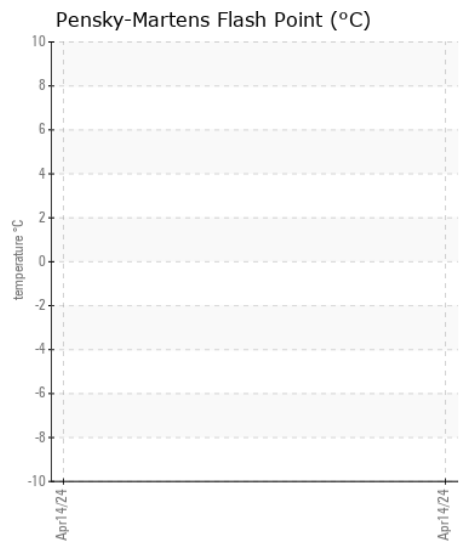
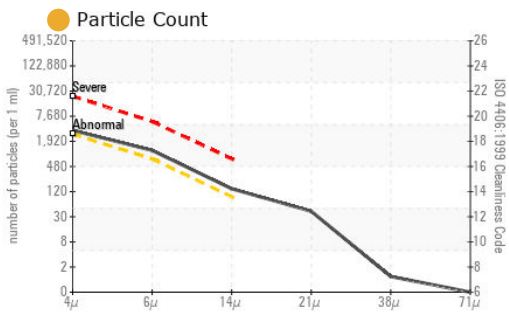
## CONTAMINANTS

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).

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>DC0030157</b>	---	---
Sample Date		Client Info		<b>14 Apr 2024</b>	---	---
Machine Age	hrs	Client Info		<b>0</b>	---	---
Sample Status				<b>ATTENTION</b>	---	---
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Silicon	ppm	ASTM D5185m	<1.0	<b>0</b>	---	---
Sodium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Potassium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Water	%	ASTM D6304	<0.05	<b>0.003</b>	---	---
ppm Water	ppm	ASTM D6304	<500	<b>32</b>	---	---
Particles >4µm		ASTM D7647	>2500	<b>3070</b>	---	---
Particles >6µm		ASTM D7647	>640	<b>1022</b>	---	---
Particles >14µm		ASTM D7647	>80	<b>124</b>	---	---
Particles >21µm		ASTM D7647	>20	<b>36</b>	---	---
Particles >38µm		ASTM D7647	>4	<b>1</b>	---	---
Particles >71µm		ASTM D7647	>3	<b>0</b>	---	---
Oil Cleanliness		ISO 4406 (c)	>18/16/13	<b>19/17/14</b>	---	---
% Gasoline	%	*In-House	<0.50	<b>0.0</b>	---	---
% Biodiesel	%	*In-House	<20.0	<b>0.0</b>	---	---
Calcium	ppm	ASTM D5185m	<0.1	<b>2</b>	---	---
Magnesium	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
ASTM Color	scalar	*ASTM D1500		<b>L4.5</b>	---	---
Visc @ 40°C	cSt	ASTM D445	3.0	<b>2.49</b>	---	---
Sulfur	ppm	ASTM D5185m	10	<b>0</b>	---	---
Sulfur (UVF)	ppm	ASTM D5453		<b>14</b>	---	---
API Gravity		ASTM D7777	37.7	<b>36.4</b>	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : DC0030157  
**Lab Number** : 06149230  
**Unique Number** : 10979308  
**Test Package** : DF-5 ( Additional Tests: API, Cetane, Fuel, Screen )

**Received** : 15 Apr 2024  
**Tested** : 26 Apr 2024  
**Diagnosed** : 26 Apr 2024 - Angela Borella

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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)