

FUEL REPORT

Sample Rating Trend

NORMAL

GOOGLE-LNR-B-2-F

Diesel Fuel Fluid DIESEL FUEL No. 2 (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. 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

There is a moderate amount of particulates present in the fuel. The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample.

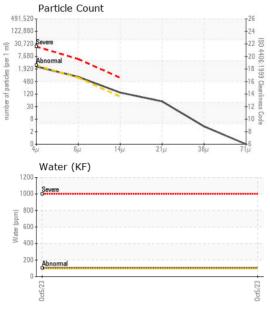
Fuel Condition

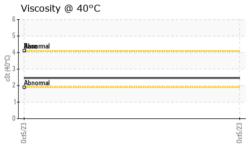
Sulfur value derived by ASTM D5453 method for ULSD validation. Sulfur level is acceptable for ULSD specification.

Luel Color text 'Visual Screen Red STM Color scalar 'ASTM D1500 L4.5 STM Color cst ASTM D1500 L4.5 seaky-Martens Flash Point °C 'PMCC Calulated 57 SULFUR CONTENT method limit/base current history1 history2 Sulfur ppm ASTM D5185m 0 DISTILLATION method limit/base current history1 history2 Sv Distillation Point °C ASTM D86 158 0% Distill Point °C ASTM D86 190 0% Distill Point °C ASTM D86 209 0% Distill Point °C ASTM D86 231 0% Distill Point °C ASTM D86 236 0% Distill Point <td< th=""><th></th><th></th><th></th><th></th><th>0ct2023</th><th></th><th></th></td<>					0ct2023		
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6 Gasoline % *In-House <0.50 0.0							
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FUEL REPORT





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particles (1 ml) 5 2 k

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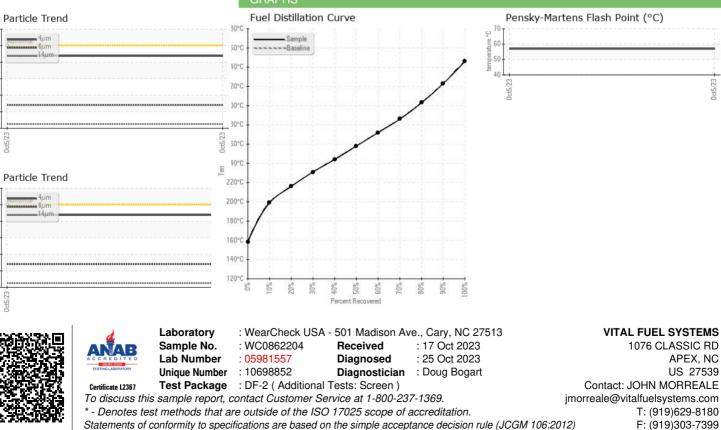
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FLUID CLEANL	INESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	2189		
Particles >6µm		ASTM D7647	>640	704		
Particles >14µm		ASTM D7647	>80	125		
Particles >21µm		ASTM D7647	>20	47		
Particles >38µm		ASTM D7647	>4	3		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>18/16/13	18/17/14		
HEAVY METAL	S	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	2		
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	<1		
Magnesium	ppm	ASTM D5185m	<0.1	<1		
Phosphorus	ppm	ASTM D5185m	<0.1	0		
Zinc	ppm	ASTM D5185m	<0.1	0		
SAMPLE IMAGE	ES	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
GRAPHS						
Fuel Distillation C	Curve		70	Pensky-Marte	ns Flash Point (°C)
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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: JOHN MORREALE - VITAPE