

## **FUEL REPORT**

#### Sample Rating Trend

## NORMAL



# TRUCK 3516 - WORKMANS CREEK CLEAR

Component **Diesel Fuel** 

NOT GIVEN (--- GAL)

Fluid		
NOT	GIVEN	1.

### 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

The amount and size of particulates present in the system are acceptable. The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample.

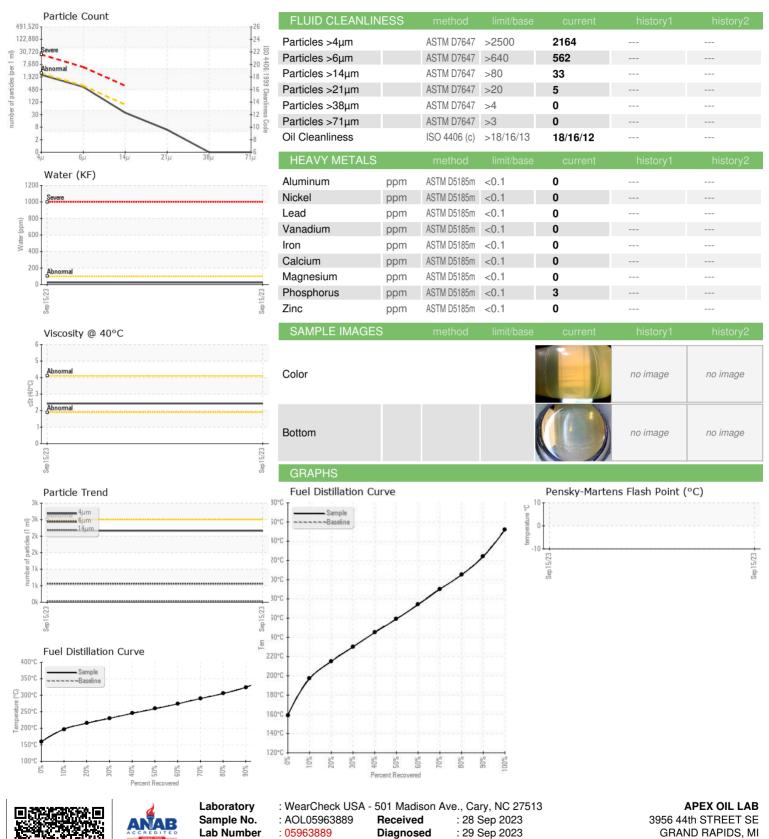
#### **Fuel Condition**

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

				Sep 2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		AOL05963889		
Sample Date		Client Info		15 Sep 2023		
Machine Age	hrs	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		0.845		
Fuel Color	text	*Visual Screen		Yllow		
ASTM Color	scalar	*ASTM D1500		L3.0		
Visc @ 40°C	cSt	ASTM D445		2.43		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5453		10		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		159		
5% Distillation Point	°C	ASTM D86		185		
10% Distill Point	°C	ASTM D86		197		
15% Distillation Point	°C	ASTM D86		207		
20% Distill Point	°C	ASTM D86		215		
30% Distill Point	°C	ASTM D86		230		
40% Distill Point	°C	ASTM D86		245		
50% Distill Point	°C	ASTM D86		259		
60% Distill Point	°C	ASTM D86		274		
70% Distill Point	°C	ASTM D86		290		
80% Distill Point	°C	ASTM D86		305		
85% Distillation Point	°C	ASTM D86		314		
90% Distill Point	°C	ASTM D86		324		
95% Distillation Point	°C	ASTM D86		342		
Final Boiling Point	°C	ASTM D86		352		
Distillation Residue	%	ASTM D86		1.4		
Distillation Loss	%	ASTM D86		0.7		
IGNITION QUALIT	ГҮ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		36.0		
Cetane Index		ASTM D4737	<40.0	46.3		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0		
Sodium	ppm	ASTM D5185m	< 0.1	0		
Potassium	ppm	ASTM D5185m	< 0.1	0		
Water	%	ASTM D6304	< 0.05	0.002		
ppm Water	ppm	ASTM D6304	< 500	24.3		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



## **FUEL REPORT**



Diagnostician : Doug Bogart

Certificate L2367

Unique Number

: 10670440 Test Package : DF-1 (Additional Tests: 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)

US 49512

Contact: JASON RAINEY

jrainey@apexoillab.com

T: (616)328-6672

F: (616)828-1791