

## **FUEL REPORT**

Sample Rating Trend

CONTAMINANT

# R-269 P/S TANK

Component Diesel Fuel

Fluid No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- QTS)

### DIAGNOSIS

#### Recommendation

No corrective action is recommended at this time. The fuel drain at the time of sampling has been noted. Please note that this is a corrected copy for laboratory data and diagnostic comment updates.

#### Corrosion

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

### Contaminants

Light concentration of anti-freeze present in the fuel at 3.9%. The water content is negligible. No other contaminants were detected in the fuel.

#### **Fuel Condition**

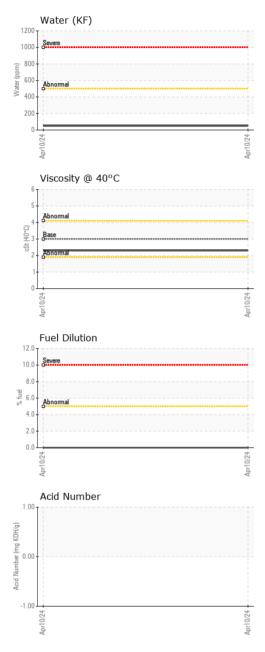
The condition of the fuel appears acceptable for service.

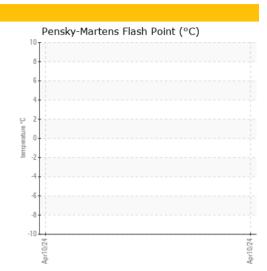
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		IL06146305		
Sample Date		Client Info		10 Apr 2024		
Machine Age	mls	Client Info		0		
Sample Status				ABNORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	3.0	2.3		
SULFUR CONTER	T	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1		
Sodium	ppm	ASTM D5185m	<0.1	1		
Potassium	ppm	ASTM D5185m	<0.1	0		
Water	%	ASTM D6304	<0.05	0.004		
ppm Water	ppm	ASTM D6304	<500	50		
% Gasoline	%	*In-House	<0.50	<mark>/</mark> 3.9		
% Biodiesel	%	*In-House	<20.0	0.0		
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0		
Nickel	ppm	ASTM D5185m	<0.1	0		
Nickel Lead		ASTM D5185m ASTM D5185m	<0.1 <0.1	0		
	ppm			-		
Lead	ppm ppm	ASTM D5185m	<0.1	0		
Lead Vanadium	ppm ppm ppm	ASTM D5185m ASTM D5185m	<0.1 <0.1	0 <1		
Lead Vanadium Iron	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	<0.1 <0.1 <0.1	0 <1 0		
Lead Vanadium Iron Calcium	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<0.1 <0.1 <0.1 <0.1	0 <1 0 <1		
Lead Vanadium Iron Calcium Magnesium	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<0.1 <0.1 <0.1 <0.1 <0.1	0 <1 0 <1 0		
Lead Vanadium Iron Calcium Magnesium Phosphorus	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0 <1 0 <1 0 0	  	  
Lead Vanadium Iron Calcium Magnesium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1	0 <1 0 <1 0 0 0	   	  



# **FUEL REPORT**

GRAPHS





Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 **BLUEGRASS IDEALEASE** Sample No. Received **101 TRIPORT CIRCLE** : IL06146305 : 11 Apr 2024 Lab Number : 06146305 Tested : 12 Apr 2024 GEORGETOWN, KY : 12 Apr 2024 - Doug Bogart Unique Number : 10976383 Diagnosed US 40324-9619 Test Package : FLEET (Additional Tests: FUELDILUTION, GC-PERCFUEL, KF, PERCENTFUEdn) act: Leann Mitchell Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. Imitchell@bluegrasstrucks.com T: (502)570-5252 \* - 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) F: (502)863-3166

Contact/Location: Leann Mitchell - IDEGEO Page 2 of 2