

# **FUEL REPORT**

## [14576] Machine Id DI-2 - OFF-ROAD DIESEL

Component Tank Diesel Fuel Fluid BIO DIESEL (--- GAL)

#### DIAGNOSIS

#### Recommendation

We advise that you filter this fluid before use. 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 high amount of particulates present in the fuel. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The water content is negligible.

#### **Fuel Condition**

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



ISO

Sample Rating Trend



# FUEL REPORT

method

ASTM D7647

ASTM D7647

ISO 4406 (c)

method

ASTM D5185m

ASTM D5185m <0.1

ppm

ppm

naa

ppm

ppm

ppm

ppm

ppm

ppm

ASTM D7647 >640

ASTM D7647 >80

ASTM D7647 >20

ASTM D7647 >3

limit/base

>18/16/13 🔺

limit/base

>2500

>4

< 0.1

<0.1

< 0.1

< 0.1

< 0.1

<0.1

<0.1

< 0.1

limit/base

current

26760

8646

953

314

21

1

0

0

0

0

0

0

1

1

0

current

no image

no image

8 월 70

60

Aug15/23

22/20/17

current

history1

historv1

history1

no image

no image

Pensky-Martens Flash Point (°C)

history2

historv2

history2

no image

no image

Aug15/23

**FLUID CLEANLINESS** 

Particles >4µm

Particles >6um

Particles >14µm

Particles >21µm

Particles >38µm

Particles >71µm

**Oil Cleanliness** 

Aluminum

Vanadium

Calcium

Magnesium

Phosphorus

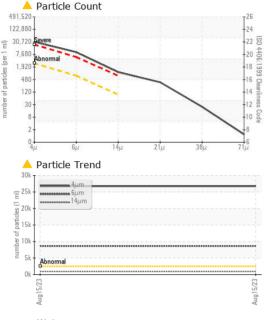
Nickel

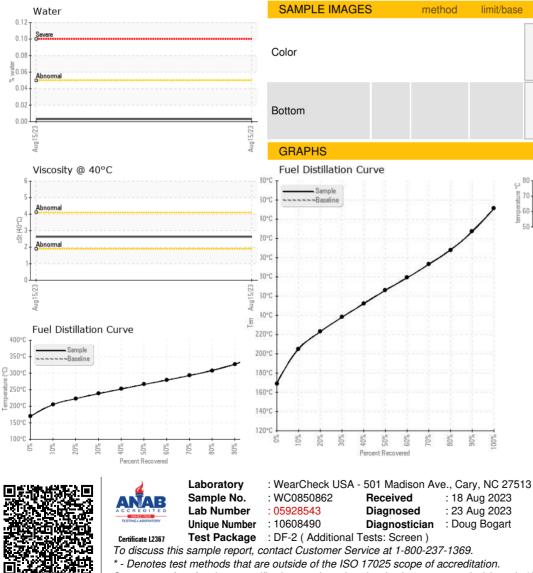
Lead

Iron

Zinc

HEAVY METALS





### Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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