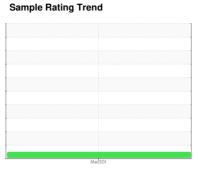


FUEL REPORT

Carilion Roanoke Memorial Hospital [4611] [Carilion Roanoke Memorial Hospital] DAY TANK 4

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUF





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| | | | | | | |

Recommendation

No corrective action is recommended at this time. All laboratory tests indicate that this sample meets specifications for No.2 low-sulfur diesel fuel.

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

Contaminants

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

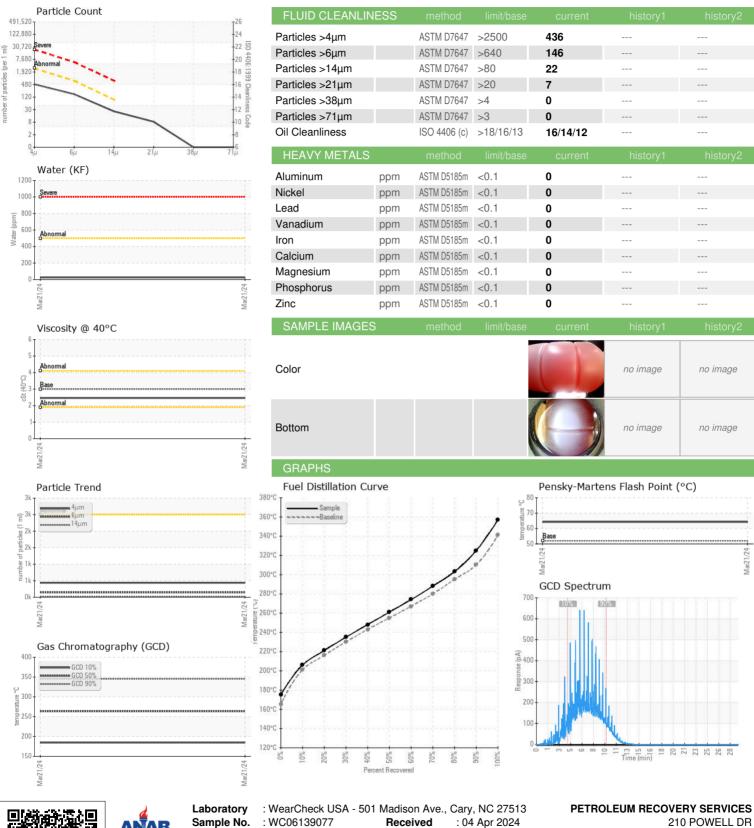
Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.

| R) (100 GAL) | | | | Mar2024 | | |
|----------------------------|----------|------------------|------------|-------------|----------|----------|
| SAMPLE INFORM | MATION | method | limit/base | current | history1 | history2 |
| Sample Number | 17111011 | Client Info | mmodasc | WC06139077 | | |
| Sample Date | | Client Info | | 21 Mar 2024 | | |
| Machine Age | hrs | Client Info | | 0 | | |
| Sample Status | 1113 | Olletti IIIIO | | NORMAL | | |
| PHYSICAL PROP | EDTIES | method | limit/base | | history1 | history2 |
| | | | | current | | |
| Fuel Color | text | *Visual Screen | Yllow | Red | | |
| ASTM Color | scalar | *ASTM D1500 | 0.0 | L4.0 | | |
| Visc @ 40°C | cSt | ASTM D445 | 3.0 | 2.46 | | |
| Pensky-Martens Flash Point | °C | *PMCC Calculated | 52 | 64.3 | | |
| SULFUR CONTER | NT | method | limit/base | current | history1 | history2 |
| Sulfur | ppm | ASTM D5185m | 10 | 23 | | |
| Sulfur (UVF) | ppm | ASTM D5453 | | 24 | | |
| DISTILLATION | | method | limit/base | current | history1 | history2 |
| Initial Boiling Point | °C | ASTM D86 | 165 | 175 | | |
| 5% Distillation Point | °C | ASTM D86 | | 197 | | |
| 10% Distill Point | °C | ASTM D86 | 201 | 206 | | |
| 15% Distillation Point | °C | ASTM D86 | | 214 | | |
| 20% Distill Point | °C | ASTM D86 | 216 | 221 | | |
| 30% Distill Point | °C | ASTM D86 | 230 | 235 | | |
| 40% Distill Point | °C | ASTM D86 | 243 | 248 | | |
| 50% Distill Point | °C | ASTM D86 | 255 | 261 | | |
| 60% Distill Point | °C | ASTM D86 | 267 | 274 | | |
| 70% Distill Point | °C | ASTM D86 | 280 | 288 | | |
| 80% Distill Point | °C | ASTM D86 | 295 | 303 | | |
| 85% Distillation Point | °C | ASTM D86 | | 314 | | |
| 90% Distill Point | °C | ASTM D86 | 310 | 325 | | |
| 95% Distillation Point | °C | ASTM D86 | | 343 | | |
| Final Boiling Point | °C | ASTM D86 | 341 | 357 | | |
| IGNITION QUALIT | ΓΥ | method | limit/base | current | history1 | history2 |
| API Gravity | | ASTM D7777 | 37.7 | 37 | | |
| Cetane Index | | ASTM D4737 | <40.0 | 49 | | |
| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185m | <1.0 | 0 | | |
| Sodium | ppm | ASTM D5185m | <0.1 | <1 | | |
| Potassium | ppm | ASTM D5185m | <0.1 | 0 | | |
| Water | % | ASTM D6304 | < 0.05 | 0.002 | | |
| ppm Water | ppm | ASTM D6304 | <500 | 25 | | |
| % Gasoline | % | *In-House | < 0.50 | 0.0 | | |
| % Biodiesel | % | *In-House | <20.0 | 0.0 | | |



FUEL REPORT





Certificate 12367

Sample No.

Lab Number : 06139077

: WC06139077 Unique Number: 10963885

Tested Diagnosed Test Package : DF-2 (Additional Tests: Fuel, 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)

: 15 Apr 2024

: 15 Apr 2024 - Doug Bogart

210 POWELL DR SUMMERVILLE, SC

US 29483 Contact: AJAY EL Ajay@prsfuel.com

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