

FUEL REPORT

| Sample | Rating | Trend |
|--------|--------|-------|
|--------|--------|-------|

ISO

DYED DIESEL TANK (YARD)

Diesel Fuel

Fluic

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)

DIAGNOSIS

Recommendation

Laboratory test indicate that this fuel is suitable for use and meets all test requirements. We advise that you filter this fluid before use. We recommend you service the filters on this component. We recommend an early resample to monitor this condition.

Contaminants

There is a moderate amount of silt (particulates < 14 microns in size) present in the fuel. The water content is negligible.

Fuel Condition

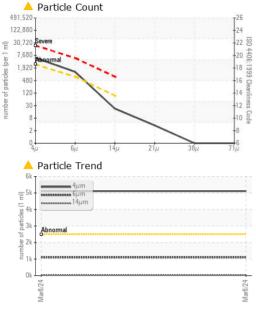
All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel (US EPA/CGSB-3.517-3 type B). The fuel is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

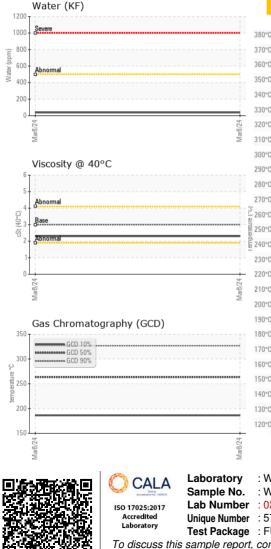
| (GAL) | | | 1 | Mar2024 | | |
|---|--------|---------------------------|------------|---------------------|----------|----------|
| SAMPLE INFORM | IATION | method | limit/base | current | history1 | history2 |
| ample Number | | Client Info | | WC0821960 | | |
| ample Date | | Client Info | | 08 Mar 2024 | | |
| lachine Age | hrs | Client Info | | 0 | | |
| ample Status | | | | ABNORMAL | | |
| PHYSICAL PROP | ERTIES | method | limit/base | current | history1 | history2 |
| pecific Gravity | | ASTM D1298* | 0.839 | 0.855 | | |
| uel Color | text | Visual Screen* | Yllow | Pink | | |
| isc @ 40°C | cSt | ASTM D7279(m) | 3.0 | 2.3 | | |
| ensky-Martens Flash Point | °C | ASTM D7215* | 52 | 64 | | |
| SULFUR CONTER | ١T | method | limit/base | current | history1 | history2 |
| ulfur | ppm | ASTM D5185(m) | 10 | 14 | | |
| DISTILLATION | | method | limit/base | current | history1 | history2 |
| iitial Boiling Point | °C | ASTM D2887* | 165 | 174 | | |
| % Distillation Point | °C | ASTM D2887* | | 198 | | |
| 0% Distill Point | °C | ASTM D2887* | 201 | 209 | | |
| 5% Distillation Point | °C | ASTM D2887* | | 217 | | |
| 0% Distill Point | °C | ASTM D2887* | 216 | 225 | | |
| 0% Distill Point | °C | ASTM D2887* | 230 | 238 | | |
| 0% Distill Point | °C | ASTM D2887* | 243 | 249 | | |
| 0% Distill Point | °C | ASTM D2887* | 255 | 259 | | |
| 0% Distill Point | °C | ASTM D2887* | 267 | 270 | | |
| 0% Distill Point | °C | ASTM D2887* | 280 | 281 | | |
| 0% Distill Point | °C | ASTM D2887* | 295 | 292 | | |
| 5% Distillation Point | °C | ASTM D2887* | 200 | 299 | | |
| 0% Distill Point | °C | ASTM D2887* | 310 | 307 | | |
| 5% Distillation Point | °C | ASTM D2887* | 010 | 319 | | |
| inal Boiling Point | °C | ASTM D2007 ASTM D2887* | 341 | 349 | | |
| IGNITION QUALIT | | method | limit/base | current | history1 | history2 |
| PI Gravity | | ASTM D1298* | 37.7 | 33 | | |
| etane Index | | ASTM D4737* | <40.0 | 42 | | |
| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
| licon | ppm | ASTM D5185(m) | <1.0 | 0 | | |
| odium | ppm | ASTM D5185(m) | <0.1 | <1 | | |
| otassium | ppm | ASTM D5185(m) | <0.1 | 0 | | |
| /ater | % | ASTM D6304* | < 0.05 | 0.003 | | |
| pm Water | ppm | ASTM D6304* | <500 | 38 | | |
| FLUID CLEANLIN | ESS | method | limit/base | current | history1 | history2 |
| articles >4µm | | ASTM D7647 | >2500 | 6 5113 | | |
| antiala o ma | | ASTM D7647 | >640 | <mark> </mark> 1098 | | |
| articies >6µm | | | 00 | 10 | | |
| • | | ASTM D7647 | >80 | 19 | | |
| articles >14µm | | ASTM D7647 ASTM D7647 | | 3 | | |
| articles >14μm articles >21μm | | | | | | |
| articles >6µm articles >14µm articles >21µm articles >38µm articles >71µm | | ASTM D7647 | >20 >4 | 3 | | |

Contact/Location: Shannon Abbott - GFL286



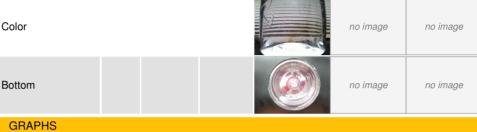
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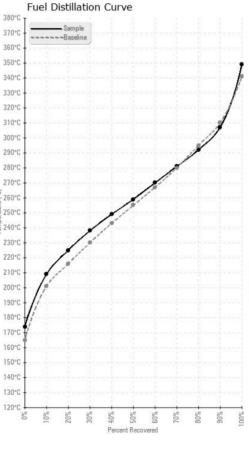


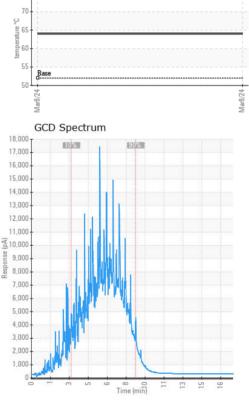
| HEAVY METALS | | method | limit/base | current | history1 | history2 |
|---------------|-----|---------------|------------|---------|----------|----------|
| Aluminum | ppm | ASTM D5185(m) | <0.1 | 0 | | |
| Nickel | ppm | ASTM D5185(m) | <0.1 | 0 | | |
| Lead | ppm | ASTM D5185(m) | <0.1 | 0 | | |
| Vanadium | ppm | ASTM D5185(m) | <0.1 | 0 | | |
| Iron | ppm | ASTM D5185(m) | <0.1 | 0 | | |
| Calcium | ppm | ASTM D5185(m) | <0.1 | 0 | | |
| Magnesium | ppm | ASTM D5185(m) | <0.1 | 0 | | |
| Phosphorus | ppm | ASTM D5185(m) | <0.1 | 0 | | |
| Zinc | ppm | ASTM D5185(m) | <0.1 | 0 | | |
| SAMPLE IMAGES | 6 | method | limit/base | current | history1 | history2 |

Color



70





Pensky-Martens Flash Point (°C)

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Green Infrastructure and Partners Inc (GIPI)-286-Shoring & Foundations : WC0821960 Received : 11 Mar 2024 151 Ram Forest Rd, Lab Number : 02621267 Tested : 18 Mar 2024 Stouffville, ON Unique Number : 5746386 Diagnosed : 18 Mar 2024 - Kevin Marson CA L4A 2G8 Test Package : FUEL (Additional Tests: CC Flash, GC-PercFuel, PrtCount) Contact: Shannon Abbott To discuss this sample report, contact Customer Service at 1-800-268-2131. sabbott@gipi.com Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (905)750-5900 Validity of results and interpretation are based on the sample and information as supplied. F:

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