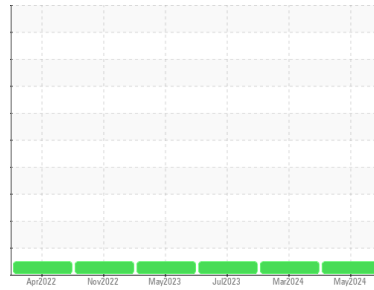




FUEL REPORT

Sample Rating Trend



NORMAL



Machine Id
HC2229
 Component
Diesel Fuel

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

DIAGNOSIS

Recommendation

No corrective action is recommended at this time.

Corrosion

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

Contaminants

The water content is negligible. There is no indication of any contamination in the fuel.

Fuel Condition

The condition of the fuel is acceptable for the time in service.

| SAMPLE INFORMATION | | method | limit/base | current | history1 | history2 |
|--------------------|-------------|-------------|------------|--------------------|-------------|-------------|
| Sample Number | Client Info | | | WC0935966 | WC0877384 | WC0810425 |
| Sample Date | Client Info | | | 03 May 2024 | 21 Mar 2024 | 29 Jul 2023 |
| Machine Age | hrs | Client Info | | 7376 | 7297 | 6455 |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

| PHYSICAL PROPERTIES | | method | limit/base | current | history1 | history2 |
|---------------------|-----|-----------|------------|-------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 | 3.0 | 2.79 | 2.34 | 2.79 |

| SULFUR CONTENT | | method | limit/base | current | history1 | history2 |
|----------------|-----|-------------|------------|----------|----------|----------|
| Sulfur | ppm | ASTM D5185m | 10 | 9 | 0 | 0 |

| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
|--------------|-----|-------------|------------|--------------|----------|----------|
| Silicon | ppm | ASTM D5185m | <1.0 | <1 | 0 | 0 |
| Sodium | ppm | ASTM D5185m | <0.1 | 1 | <1 | 0 |
| Potassium | ppm | ASTM D5185m | <0.1 | 0 | 0 | <1 |
| Water | % | ASTM D6304 | <0.05 | 0.00 | 0.003 | 0.003 |
| ppm Water | ppm | ASTM D6304 | <500 | 0 | 30 | 29.8 |

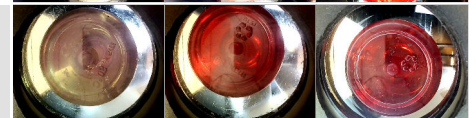
| HEAVY METALS | | method | limit/base | current | history1 | history2 |
|--------------|-----|-------------|------------|--------------|----------|----------|
| Aluminum | ppm | ASTM D5185m | <0.1 | 0 | 0 | <1 |
| Nickel | ppm | ASTM D5185m | <0.1 | 0 | 0 | 0 |
| Lead | ppm | ASTM D5185m | <0.1 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185m | <0.1 | 0 | 0 | 0 |
| Iron | ppm | ASTM D5185m | <0.1 | 0 | 0 | 0 |
| Calcium | ppm | ASTM D5185m | <0.1 | 0 | 0 | <1 |
| Magnesium | ppm | ASTM D5185m | <0.1 | 0 | 0 | <1 |
| Phosphorus | ppm | ASTM D5185m | <0.1 | 1 | 0 | <1 |
| Zinc | ppm | ASTM D5185m | <0.1 | <1 | 0 | 0 |

| SAMPLE IMAGES | | method | limit/base | current | history1 | history2 |
|---------------|--|--------|------------|---------|----------|----------|
|---------------|--|--------|------------|---------|----------|----------|

Color



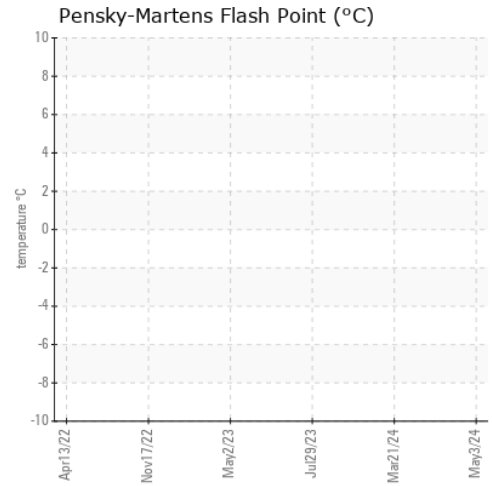
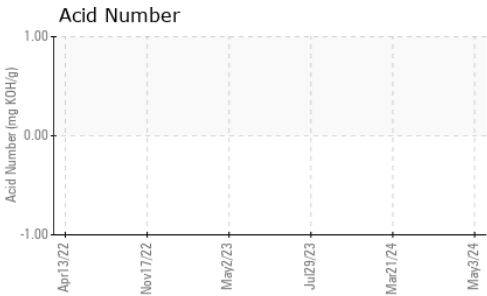
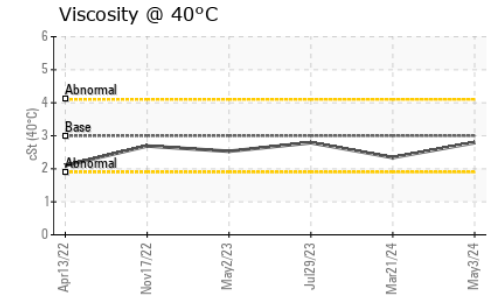
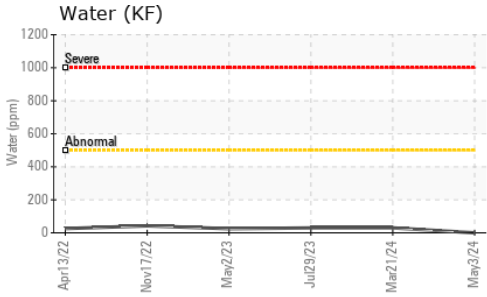
Bottom





FUEL REPORT

GRAPHS



Certificate L2367

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)

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0935966
Lab Number : 06176645
Unique Number : 11022698
Test Package : CONST (Additional Tests: KF)

Received : 10 May 2024
Tested : 16 May 2024
Diagnosed : 16 May 2024 - Jonathan Hester

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