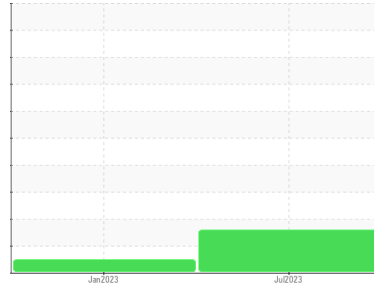




FUEL REPORT

Sample Rating Trend



ISO



Area
GUAY SON/Yavaros [CONHER]
 Machine Id
Barda III Diesel Fuel
 Component
Diesel Fuel
 Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample. We recommend you service the filters on this component if applicable.

Corrosion

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

Contaminants

There is a high amount of particulates present in the fuel. The water content is negligible.

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 | | | KL0012400 | KL0011336 | --- |
| Sample Date | Client Info | | | 08 Jul 2023 | 23 Jan 2023 | --- |
| Machine Age | hrs | Client Info | | 0 | 0 | --- |
| Sample Status | | | | ABNORMAL | NORMAL | --- |

| PHYSICAL PROPERTIES | | method | limit/base | current | history1 | history2 |
|---------------------|-----|-----------|------------|------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 | | 2.6 | 2.45 | --- |

| SULFUR CONTENT | | method | limit/base | current | history1 | history2 |
|----------------|-----|-------------|------------|-----------|----------|----------|
| Sulfur | ppm | ASTM D5185m | | 12 | 0 | --- |

| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
|--------------|-----|-------------|------------|--------------|----------|----------|
| Silicon | ppm | ASTM D5185m | <1.0 | 0 | 0 | --- |
| Sodium | ppm | ASTM D5185m | <0.1 | <1 | 0 | --- |
| Potassium | ppm | ASTM D5185m | <0.1 | 0 | 0 | --- |
| Water | % | ASTM D6304 | <0.05 | 0.002 | 0.002 | --- |
| ppm Water | ppm | ASTM D6304 | <500 | 19.5 | 22.5 | --- |

| FLUID CLEANLINESS | | method | limit/base | current | history1 | history2 |
|-------------------|--|--------------|------------|----------------|----------|----------|
| Particles >4µm | | ASTM D7647 | | 5938 | 2064 | --- |
| Particles >6µm | | ASTM D7647 | >640 | ▲ 2303 | 569 | --- |
| Particles >14µm | | ASTM D7647 | >80 | ▲ 274 | 47 | --- |
| Particles >21µm | | ASTM D7647 | >20 | ▲ 75 | 11 | --- |
| Particles >38µm | | ASTM D7647 | >4 | 2 | 1 | --- |
| Particles >71µm | | ASTM D7647 | >3 | 0 | 0 | --- |
| Oil Cleanliness | | ISO 4406 (c) | >16/13 | ▲ 18/15 | 16/13 | --- |

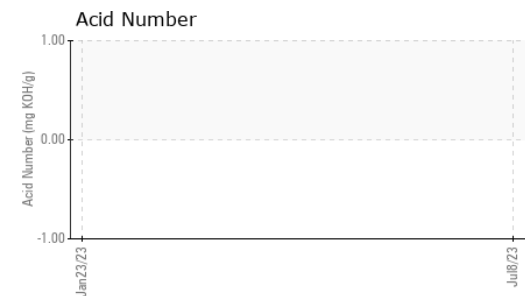
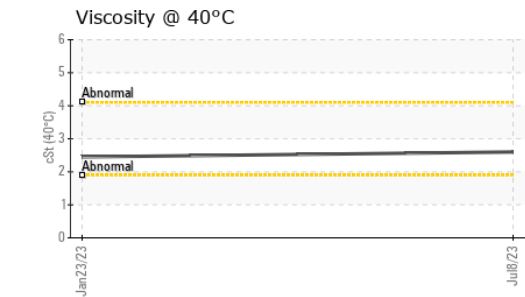
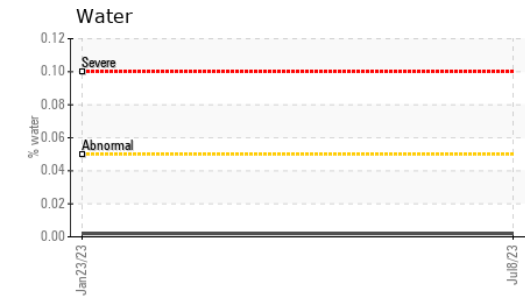
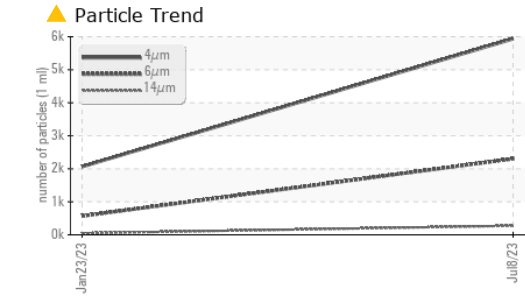
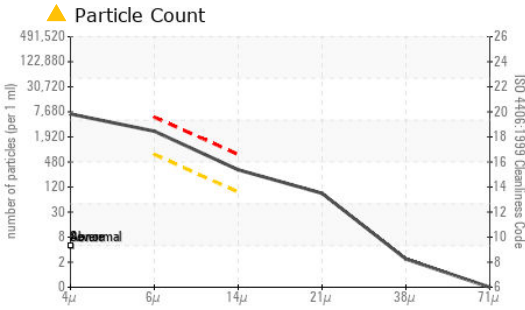
| HEAVY METALS | | method | limit/base | current | history1 | history2 |
|--------------|-----|-------------|------------|--------------|----------|----------|
| Aluminum | ppm | ASTM D5185m | <0.1 | <1 | 0 | --- |
| Nickel | ppm | ASTM D5185m | <0.1 | 0 | 0 | --- |
| Lead | ppm | ASTM D5185m | <0.1 | 0 | 0 | --- |
| Vanadium | ppm | ASTM D5185m | <0.1 | <1 | 0 | --- |
| Iron | ppm | ASTM D5185m | <0.1 | 0 | 0 | --- |
| Calcium | ppm | ASTM D5185m | <0.1 | 0 | 0 | --- |
| Magnesium | ppm | ASTM D5185m | <0.1 | <1 | 0 | --- |
| Phosphorus | ppm | ASTM D5185m | <0.1 | 0 | 4 | --- |
| Zinc | ppm | ASTM D5185m | <0.1 | 0 | 0 | --- |

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

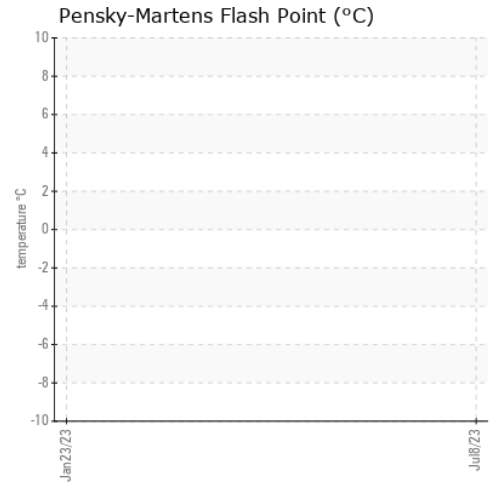
| | | | | | | |
|--------|--|--|--|--|--|----------|
| Color | | | | | | no image |
| Bottom | | | | | | no image |



FUEL REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : KL0012400 **Received** : 21 Jul 2023
Lab Number : 05905073 **Diagnosed** : 01 Aug 2023
Unique Number : 10566429 **Diagnostician** : Doug Bogart
Test Package : MOB 2 (Additional Tests: KF, PrtCount)

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)

CONOR
 JUAREZ 348
 HERMOSILLO,
 MX 83140

Contact: EDUARDO GARCIA
 egarcia.comsa@gmail.com

T: (526)622-1581 x:81

F: x: