



FUEL REPORT

Sample Rating Trend



VISUAL METAL



Area
GUAY SON [CONHER]
 Machine Id
JLV II DIESEL FUEL IBACO
 Component
Diesel Fuel
 Fluid
{not provided} (--- GAL)

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample. We were unable to perform a particle count due to metal particles present in this sample. (Customer Sample Comment: Before Kleenfuel system)

Corrosion

Moderate concentration of visible metal present. 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 | | | KL0010137 | --- | --- |
| Sample Date | Client Info | | | 24 Aug 2022 | --- | --- |
| Machine Age | hrs | Client Info | | 0 | --- | --- |
| Sample Status | | | | ABNORMAL | --- | --- |

| PHYSICAL PROPERTIES | | method | limit/base | current | history1 | history2 |
|---------------------|-----|-----------|------------|-------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 | | 2.57 | --- | --- |

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

| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
|--------------|-----|-------------|------------|--------------|----------|----------|
| Silicon | ppm | ASTM D5185m | <1.0 | 6 | --- | --- |
| Sodium | ppm | ASTM D5185m | <0.1 | 2 | --- | --- |
| Potassium | ppm | ASTM D5185m | <0.1 | 0 | --- | --- |
| Water | % | ASTM D6304 | <0.05 | 0.002 | --- | --- |
| ppm Water | ppm | ASTM D6304 | <500 | 17.6 | --- | --- |

| HEAVY METALS | | method | limit/base | current | history1 | history2 |
|--------------|-----|-------------|------------|--------------|----------|----------|
| Aluminum | ppm | ASTM D5185m | <0.1 | 2 | --- | --- |
| Nickel | ppm | ASTM D5185m | <0.1 | <1 | --- | --- |
| Lead | ppm | ASTM D5185m | <0.1 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185m | <0.1 | 1 | --- | --- |
| Iron | ppm | ASTM D5185m | <0.1 | <1 | --- | --- |
| Calcium | ppm | ASTM D5185m | <0.1 | 0 | --- | --- |
| Magnesium | ppm | ASTM D5185m | <0.1 | 0 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | <0.1 | 0 | --- | --- |
| Zinc | ppm | ASTM D5185m | <0.1 | 0 | --- | --- |

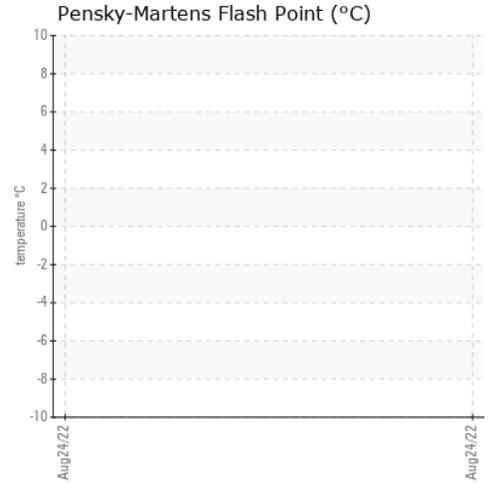
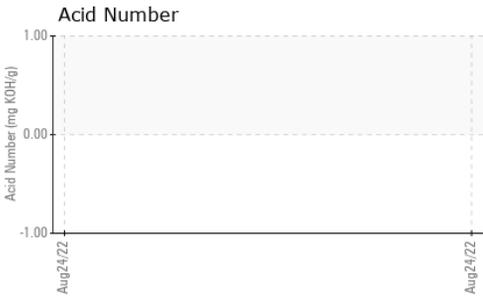
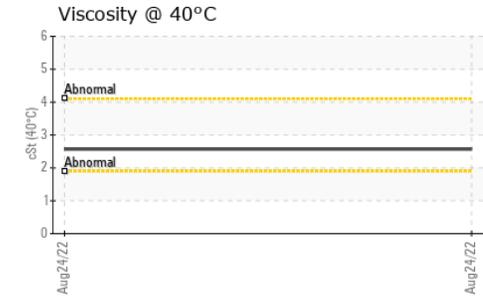
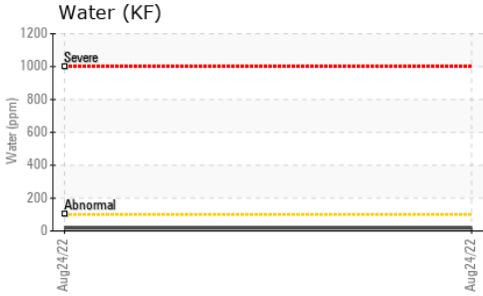
SAMPLE IMAGES

| SAMPLE IMAGES | | method | limit/base | current | history1 | history2 |
|---------------|---|--------|------------|---------|----------|----------|
| Color |  | | | | no image | no image |
| Bottom |  | | | | no image | no image |



FUEL REPORT

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : KL0010137 **Received** : 10 Oct 2022
Lab Number : 05662694 **Tested** : 12 Oct 2022
Unique Number : 10167263 **Diagnosed** : 12 Oct 2022 - Jonathan Hester
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)

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