



Machine Id  
**DYNAPAC PFR-10**  
Component  
**Drum Eccentric Weight Housing**  
Fluid  
**MOBIL SHC 630 (--- LTR)**

**RECOMMENDATION**

No corrective action is recommended at this time. We recommend an early resample to monitor this condition.

| Test           | UOM | Method      | Limit/Abn | Current            | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|----------|----------|
| Sample Number  |     | Client Info |           | <b>CL0005165</b>   | ---      | ---      |
| Sample Date    |     | Client Info |           | <b>14 Feb 2024</b> | ---      | ---      |
| Machine Age    | hrs | Client Info |           | <b>0</b>           | ---      | ---      |
| Oil Age        | hrs | Client Info |           | <b>0</b>           | ---      | ---      |
| Filter Age     | hrs | Client Info |           | <b>0</b>           | ---      | ---      |
| Oil Changed    |     | Client Info |           | <b>Not Changd</b>  | ---      | ---      |
| Filter Changed |     | Client Info |           | <b>N/A</b>         | ---      | ---      |
| Sample Status  |     |             |           | <b>ABNORMAL</b>    | ---      | ---      |

**WEAR**

Gear wear is indicated.

|              |        |             |      |              |     |     |
|--------------|--------|-------------|------|--------------|-----|-----|
| Iron         | ppm    | ASTM D5185m | >100 | <b>▲ 306</b> | --- | --- |
| Chromium     | ppm    | ASTM D5185m | >2   | <b>&lt;1</b> | --- | --- |
| Nickel       | ppm    | ASTM D5185m | >2   | <b>0</b>     | --- | --- |
| Titanium     | ppm    | ASTM D5185m |      | <b>&lt;1</b> | --- | --- |
| Silver       | ppm    | ASTM D5185m |      | <b>0</b>     | --- | --- |
| Aluminum     | ppm    | ASTM D5185m | >2   | <b>3</b>     | --- | --- |
| Lead         | ppm    | ASTM D5185m | >25  | <b>0</b>     | --- | --- |
| Copper       | ppm    | ASTM D5185m | >7   | <b>&lt;1</b> | --- | --- |
| Tin          | ppm    | ASTM D5185m | >10  | <b>0</b>     | --- | --- |
| Vanadium     | ppm    | ASTM D5185m |      | <b>0</b>     | --- | --- |
| White Metal  | scalar | *Visual     | NONE | <b>NONE</b>  | --- | --- |
| Yellow Metal | scalar | *Visual     | NONE | <b>NONE</b>  | --- | --- |

**CONTAMINATION**

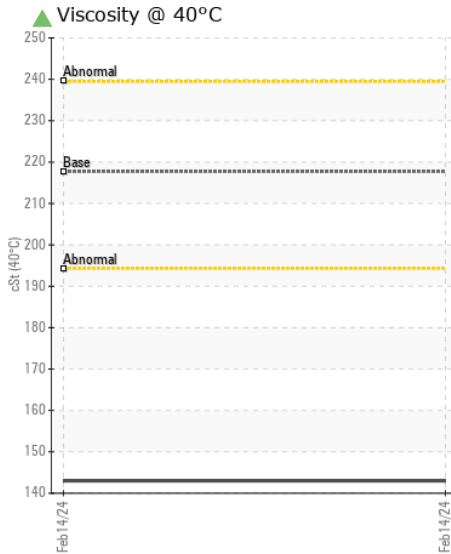
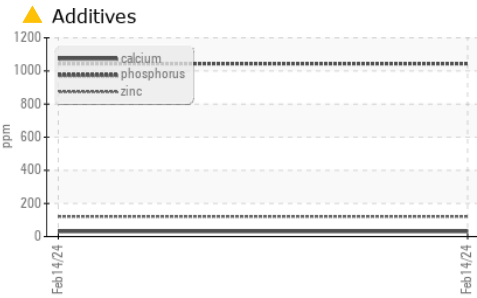
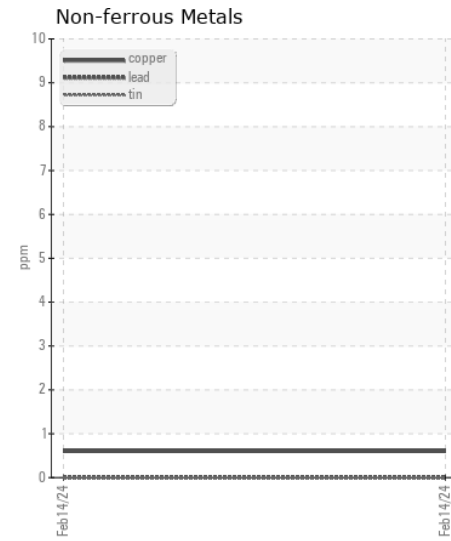
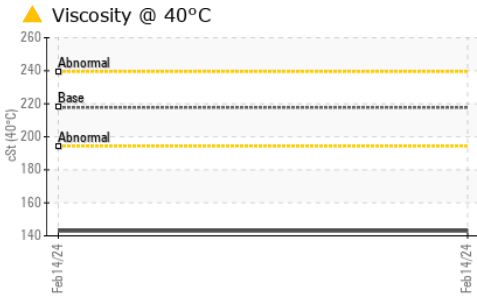
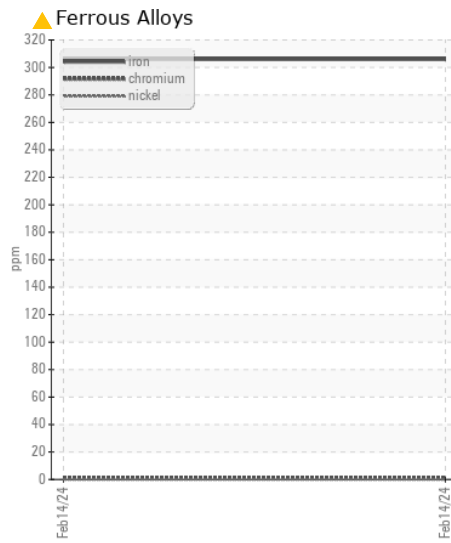
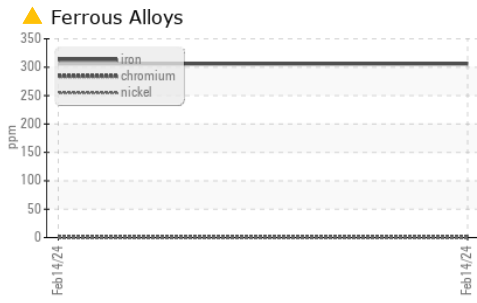
There is no indication of any contamination in the oil.

|                  |        |             |       |              |     |     |
|------------------|--------|-------------|-------|--------------|-----|-----|
| Silicon          | ppm    | ASTM D5185m | >20   | <b>18</b>    | --- | --- |
| Potassium        | ppm    | ASTM D5185m | >20   | <b>2</b>     | --- | --- |
| Water            |        | WC Method   | >0.1  | <b>NEG</b>   | --- | --- |
| Silt             | scalar | *Visual     | NONE  | <b>NONE</b>  | --- | --- |
| Debris           | scalar | *Visual     | NONE  | <b>LIGHT</b> | --- | --- |
| Sand/Dirt        | scalar | *Visual     | NONE  | <b>NONE</b>  | --- | --- |
| Appearance       | scalar | *Visual     | NORML | <b>NORML</b> | --- | --- |
| Odor             | scalar | *Visual     | NORML | <b>NORML</b> | --- | --- |
| Emulsified Water | scalar | *Visual     | >0.1  | <b>NEG</b>   | --- | --- |

**FLUID CONDITION**

The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

|             |     |             |       |                |     |     |
|-------------|-----|-------------|-------|----------------|-----|-----|
| Sodium      | ppm | ASTM D5185m |       | <b>3</b>       | --- | --- |
| Boron       | ppm | ASTM D5185m |       | <b>▲ 267</b>   | --- | --- |
| Barium      | ppm | ASTM D5185m |       | <b>0</b>       | --- | --- |
| Molybdenum  | ppm | ASTM D5185m |       | <b>&lt;1</b>   | --- | --- |
| Manganese   | ppm | ASTM D5185m |       | <b>3</b>       | --- | --- |
| Magnesium   | ppm | ASTM D5185m |       | <b>3</b>       | --- | --- |
| Calcium     | ppm | ASTM D5185m |       | <b>▲ 31</b>    | --- | --- |
| Phosphorus  | ppm | ASTM D5185m |       | <b>▲ 1044</b>  | --- | --- |
| Zinc        | ppm | ASTM D5185m |       | <b>▲ 121</b>   | --- | --- |
| Sulfur      | ppm | ASTM D5185m |       | <b>▲ 20581</b> | --- | --- |
| Visc @ 40°C | cSt | ASTM D445   | 217.7 | <b>▲ 143</b>   | --- | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : CL0005165

Lab Number : 06098010

Unique Number : 10896240

Test Package : CONST

Received : 22 Feb 2024

Tested : 23 Feb 2024

Diagnosed : 25 Feb 2024 - Don Baldrige

**PEDULLA**  
146 MCLELLAND  
MOORESVILLE, NC  
US 28115  
Contact: LARRY

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)

T:  
F: