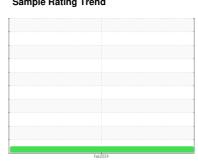


## **OIL ANALYSIS REPORT**

Sample Rating Trend



NORMAL



Machine Id **022224S-11** 

Component **Fluid** 

{not provided} (--- QTS)

|  | G١ |  |  |
|--|----|--|--|
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|  |    |  |  |

## Recommendation

This is a baseline read-out on the submitted sample.

|  |  |   | F          | eb 2024                                     |                              |                              |
|--|--|---|------------|---|------------------------------|------------------------------|
| SAMPLE INFOR   | MATION   | method  | limit/base | current                                     | history1                     | history2                     |
| Sample Number  |  | Client Info   |            | WC06100597                                  |                              |                              |
| Sample Date  |  | Client Info   |            | 22 Feb 2024                                 |                              |                              |
| Machine Age  | hrs  | Client Info   |            | 0   |                              |                              |
| Oil Age  | hrs  | Client Info   |            | 0   |                              |                              |
| Oil Changed  |  | Client Info   |            | N/A   |                              |                              |
| Sample Status  |  |   |            | NORMAL                                      |                              |                              |
| CONTAMINATIO   | N  | method  | limit/base | current                                     | history1                     | history2                     |
| Water  |  | WC Method   |            | NEG   |                              |                              |
| WEAR METALS  |  | method  | limit/base | current                                     | history1                     | history2                     |
| Iron   | ppm  | ASTM D5185m   |            | 5   |                              |                              |
| Chromium   | ppm  | ASTM D5185m   |            | 0   |                              |                              |
| Nickel   | ppm  | ASTM D5185m   |            | 0   |                              |                              |
| Titanium   | ppm  | ASTM D5185m   |            | 0   |                              |                              |
| Silver   | ppm  | ASTM D5185m   |            | 0   |                              |                              |
| Aluminum   | ppm  | ASTM D5185m   |            | <1  |                              |                              |
| Lead   | ppm  | ASTM D5185m   |            | 1   |                              |                              |
| Copper   | ppm  | ASTM D5185m   |            | <1  |                              |                              |
| Tin  | ppm  | ASTM D5185m   |            | <1  |                              |                              |
| Vanadium   | ppm  | ASTM D5185m   |            | 0   |                              |                              |
| Cadmium  | ppm  | ASTM D5185m   |            | 0   |                              |                              |
|  | PPIII  |   |            |   |                              |                              |
| ADDITIVES  |  | method  | limit/base | current                                     | history1                     | history2                     |
| Boron  | ppm  | ASTM D5185m   |            | 0   |                              |                              |
|  |  |   |            |   |                              |                              |
| Barium   | ppm  | ASTM D5185m   |            | 0   |                              |                              |
| Barium<br>Molybdenum   |  | ASTM D5185m   |            | 0   |                              |                              |
| Barium<br>Molybdenum<br>Manganese  | ppm  | ASTM D5185m<br>ASTM D5185m  |            | 0 <1  |                              |                              |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium   | ppm  | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   |            | 0   |                              |                              |
| Barium<br>Molybdenum<br>Manganese  | ppm<br>ppm   | ASTM D5185m<br>ASTM D5185m  |            | 0 <1  |                              |                              |
| Barium<br>Molybdenum<br>Manganese<br>Magnesium   | ppm<br>ppm<br>ppm                                    | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   |            | 0<br><1<br><1<br>4<br>8                     |                              |                              |
| Barium Molybdenum Manganese Magnesium Calcium  | ppm<br>ppm<br>ppm<br>ppm<br>ppm                      | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m  |            | 0<br><1<br><1<br>4                          |                              |                              |
| Barium Molybdenum Manganese Magnesium Calcium Phosphorus   | ppm<br>ppm<br>ppm<br>ppm<br>ppm                      | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   |            | 0<br><1<br><1<br>4<br>8                     |                              |                              |
| Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc  | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m  | limit/base | 0 <1 <1 <4 8 0                              |                              |                              |
| Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur   | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   | limit/base | 0<br><1<br><1<br>4<br>8<br>0<br>30          |                              |                              |
| Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANT                                       | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m  | limit/base | 0 <1 <1 <1 <4 8 0 30 current                | <br><br><br><br><br>history1 | <br><br><br><br><br>history2 |
| Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANT Silicon                               | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm | ASTM D5185m Method ASTM D5185m                              | limit/base | 0 <1 <1 <1 <4 8 0 30 current <1             | <br><br><br><br>history1     | history2                     |
| Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANT Silicon Sodium                        | ppm              | ASTM D5185m                         |            | 0 <1 <1 <1 <4 8 0 30 current <1 3           | <br><br><br><br>history1     | <br><br><br><br>history2     |
| Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANT Silicon Sodium Potassium              | ppm              | ASTM D5185m | >20        | 0 <1 <1 <1 <4 8 0 30 current <1 3 1         | history1                     | <br><br><br><br>history2     |
| Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANT Silicon Sodium Potassium              | ppm              | ASTM D5185m | >20        | 0 <1 <1 <1 <4 8 0 30 current <1 3 1         | history1                     | <br><br><br><br>history2     |
| Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANT Silicon Sodium Potassium SAMPLE IMAGE | ppm              | ASTM D5185m | >20        | 0 <1 <1 <1 <4 8 0 30 current <1 3 1 current | history1 history1            | history2 history2            |



## **OIL ANALYSIS REPORT**



**Unique Number** : 10898827

Laboratory: WearCheck USA - 501 Madison Ave., Cary, NC 27513 **Sample No.** : WC06100597 Lab Number : 06100597

Received Tested

: 26 Feb 2024 : 27 Feb 2024

Diagnosed : 27 Feb 2024 - Doug Bogart

**XAERUS FLUIDS** 2825 SCHUETTE RD MIDLAND, MI US 48642 Contact: BRYAN DOLE

bdole@xaerusfluids.com

T:

F:

Test Package : TEST ( Additional Tests: ICP ) 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)

Report Id: XAEMID [WUSCAR] 06100597 (Generated: 02/27/2024 23:10:25) Rev: 1

Contact/Location: BRYAN DOLE - XAEMID