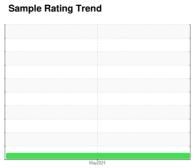


## **OIL ANALYSIS REPORT**



NORMAL



050124S-01 Compon Fluid Fluid {not provided} (--- GAL)

Machine Id

## Recommendation

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

|                                                                                                                  |                                                             |                                                                                                                                                                                                 |            | May2024                                             |                              |          |
|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------|------------------------------|----------|
| SAMPLE INFORM                                                                                                    | MATION                                                      | method                                                                                                                                                                                          | limit/base | current                                             | history1                     | history2 |
| Sample Number                                                                                                    |                                                             | Client Info                                                                                                                                                                                     |            | WC06175023                                          |                              |          |
| Sample Date                                                                                                      |                                                             | Client Info                                                                                                                                                                                     |            | 01 May 2024                                         |                              |          |
| Machine Age                                                                                                      | hrs                                                         | Client Info                                                                                                                                                                                     |            | 0                                                   |                              |          |
| Oil Age                                                                                                          | hrs                                                         | Client Info                                                                                                                                                                                     |            | 0                                                   |                              |          |
| Oil Changed                                                                                                      | 1110                                                        | Client Info                                                                                                                                                                                     |            | N/A                                                 |                              |          |
| Sample Status                                                                                                    |                                                             |                                                                                                                                                                                                 |            | NORMAL                                              |                              |          |
| CONTAMINATION                                                                                                    | ٧                                                           | method                                                                                                                                                                                          | limit/base | current                                             | history1                     | history2 |
| Water                                                                                                            |                                                             | WC Method                                                                                                                                                                                       |            | NEG                                                 |                              |          |
| WEAR METALS                                                                                                      |                                                             | method                                                                                                                                                                                          | limit/base | current                                             | history1                     | history2 |
| Iron                                                                                                             | ppm                                                         | ASTM D5185m                                                                                                                                                                                     |            | 0                                                   |                              |          |
| Chromium                                                                                                         | ppm                                                         | ASTM D5185m                                                                                                                                                                                     |            | 0                                                   |                              |          |
| Nickel                                                                                                           | ppm                                                         | ASTM D5185m                                                                                                                                                                                     |            | 0                                                   |                              |          |
| Titanium                                                                                                         | ppm                                                         | ASTM D5185m                                                                                                                                                                                     |            | 0                                                   |                              |          |
| Silver                                                                                                           | ppm                                                         | ASTM D5185m                                                                                                                                                                                     |            | 0                                                   |                              |          |
| Aluminum                                                                                                         | ppm                                                         | ASTM D5185m                                                                                                                                                                                     |            | 0                                                   |                              |          |
| Lead                                                                                                             | ppm                                                         | ASTM D5185m                                                                                                                                                                                     |            | 0                                                   |                              |          |
| Copper                                                                                                           | ppm                                                         | ASTM D5185m                                                                                                                                                                                     |            | 0                                                   |                              |          |
| Tin                                                                                                              | ppm                                                         | ASTM D5185m                                                                                                                                                                                     |            | <1                                                  |                              |          |
| Vanadium                                                                                                         | ppm                                                         | ASTM D5185m                                                                                                                                                                                     |            | 0                                                   |                              |          |
| Cadmium                                                                                                          | ppm                                                         | ASTM D5185m                                                                                                                                                                                     |            | 0                                                   |                              |          |
|                                                                                                                  |                                                             |                                                                                                                                                                                                 |            | •                                                   |                              |          |
| ADDITIVES                                                                                                        |                                                             | method                                                                                                                                                                                          | limit/base | current                                             | history1                     | history2 |
| ADDITIVES Boron                                                                                                  | ppm                                                         | method ASTM D5185m                                                                                                                                                                              | limit/base |                                                     | history1                     | history2 |
|                                                                                                                  |                                                             |                                                                                                                                                                                                 | limit/base | current                                             |                              |          |
| Boron                                                                                                            | ppm                                                         | ASTM D5185m                                                                                                                                                                                     | limit/base | current<br><b>0</b>                                 |                              |          |
| Boron<br>Barium                                                                                                  | ppm<br>ppm                                                  | ASTM D5185m<br>ASTM D5185m                                                                                                                                                                      | limit/base | current<br>0<br>0                                   |                              |          |
| Boron<br>Barium<br>Molybdenum                                                                                    | ppm<br>ppm                                                  | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m                                                                                                                                                       | limit/base | current 0 0 0                                       |                              |          |
| Boron<br>Barium<br>Molybdenum<br>Manganese                                                                       | ppm<br>ppm<br>ppm                                           | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m                                                                                                                                        | limit/base | current 0 0 0 0                                     |                              |          |
| Boron Barium Molybdenum Manganese Magnesium                                                                      | ppm<br>ppm<br>ppm<br>ppm                                    | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m                                                                                                                         | limit/base | current 0 0 0 0 0                                   |                              |          |
| Boron 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<br>ASTM D5185m<br>ASTM D5185m                                                                                                          | limit/base | current 0 0 0 0 0 0 0 0 0                           |                              |          |
| Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus                                                   | 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 | Current 0 0 0 0 0 0 0 0 0 0 0                       | <br><br>                     |          |
| Boron 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<br>ASTM D5185m<br>ASTM D5185m                                                                            | limit/base | Current 0 0 0 0 0 0 0 0 0 0 0 0 0                   |                              |          |
| Boron 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<br>ASTM D5185m<br>ASTM D5185m                                                             |            | Current 0 0 0 0 0 0 0 0 0 0 0 0 0 64                | <br><br><br>                 |          |
| Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS                          | 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<br>ASTM D5185m                                                             |            | Current  0 0 0 0 0 0 0 0 0 0 0 64  Current          | <br><br><br>                 |          |
| Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS                          | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm        | ASTM D5185m                                     | limit/base | current 0 0 0 0 0 0 0 0 0 0 0 0 current 0           | <br><br><br><br><br>history1 | history2 |
| Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium           | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm | ASTM D5185m                                     | limit/base | current 0 0 0 0 0 0 0 0 0 0 0 0 0 current 0 current | <br><br><br><br><br>history1 | history2 |
| Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm | ASTM D5185m | limit/base | current 0 0 0 0 0 0 0 0 0 0 0 0 current 0 <1 <1     | history1                     | history2 |



## **OIL ANALYSIS REPORT**



Certificate 12367

Laboratory: WearCheck USA - 501 Madison Ave., Cary, NC 27513 **Sample No.** : WC06175023 **Lab Number** : 06175023  $\textbf{Unique Number} \quad : 11021076$ 

Test Package : TEST ( Additional Tests: ICP )

Received : 09 May 2024 Tested : 16 May 2024

Diagnosed : 16 May 2024 - Jonathan Hester

MIDLAND, MI US 48642 Contact: BRYAN DOLE bdole@xaerusfluids.com T:

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] 06175023 (Generated: 05/16/2024 17:51:32) Rev: 1

Contact/Location: BRYAN DOLE - XAEMID

F:

**XAERUS FLUIDS** 

2825 SCHUETTE RD