

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id 041224C-10 Component **Fluid**

{not provided} (--- QTS)

Recommendation

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

| | | | | Apr2024 | | |
|---|---------------------------------|--|-------------|---|--------------------------|--------------------------|
| SAMPLE INFORM | MATION | method | limit/base | current | history1 | history2 |
| Sample Number | | Client Info | | WC06155457 | | |
| Sample Date | | Client Info | | 12 Apr 2024 | | |
| Machine Age | hrs | Client Info | | 0 | | |
| Oil Age | hrs | Client Info | | 0 | | |
| Oil Changed | 1113 | Client Info | | N/A | | |
| Sample Status | | Olletti IIIIO | | NORMAL | | |
| CONTAMINATION | | method | limit/base | | | history2 |
| Water | N | WC Method | IIIIII/Dase | current NEG | history1 | HISTOLYZ |
| | | | 11 1. 0 | | | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185m | | 1 | | |
| Chromium | ppm | ASTM D5185m | | <1 | | |
| 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 | | 0 | | |
| Vanadium | ppm | ASTM D5185m | | 0 | | |
| Cadmium | ppm | ASTM D5185m | | 0 | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185m | | 0 | | |
| Barium | ppm | ASTM D5185m | | 0 | | |
| Molybdenum | ppm | ASTM D5185m | | 0 | | |
| Manganese | ppm | ASTM D5185m | | 0 | | |
| Magnesium | ppm | ASTM D5185m | | • | | |
| Calcium | | | | 0 | | |
| | ppm | ASTM D5185m | | 2 | | |
| Phosphorus | ppm | ASTM D5185m ASTM D5185m | | | | |
| Phosphorus Zinc | | | | 2 | | |
| | ppm | ASTM D5185m | | 2 5 | | |
| Zinc | ppm ppm | ASTM D5185m ASTM D5185m | limit/base | 2 5 0 | | |
| Zinc Sulfur | ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m | limit/base | 2 5 0 11 | | |
| Zinc Sulfur CONTAMINANTS | ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m method | limit/base | 2 5 0 11 current | | |
| Zinc Sulfur CONTAMINANTS Silicon | ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m | | 2 5 0 11 current | history1 | history2 |
| Zinc Sulfur CONTAMINANTS Silicon Sodium | ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m | | 2 5 0 11 current 0 | history1 | history2 |
| Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium | ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m | >20 | 2 5 0 111 current 0 0 | history1 | history2 |



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Certificate 12367

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

Sample No. : WC06155457 **Lab Number** : 06155457 Unique Number : 10990880

Test Package : TEST (Additional Tests: ICP)

Received : 19 Apr 2024 Tested

: 24 Apr 2024 Diagnosed : 24 Apr 2024 - Jonathan Hester

2825 SCHUETTE RD

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

XAERUS FLUIDS

MIDLAND, MI

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] 06155457 (Generated: 04/24/2024 13:23:38) Rev: 1

Contact/Location: BRYAN DOLE - XAEMID

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