

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id **012924S-04**

Component **Fluid**

{not provided} (--- QTS)

Recommendation

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

| | | | J | an 2024 | | |
|--|---|---|------------|---------------------------------------|--------------------------------------|--|
| SAMPLE INFOR | MATION | method | limit/base | current | history1 | history2 |
| Sample Number | | Client Info | | WC06076268 | | |
| Sample Date | | Client Info | | 30 Jan 2024 | | |
| Machine Age | hrs | Client Info | | 0 | | |
| Oil Age | hrs | Client Info | | 0 | | |
| Oil Changed | | Client Info | | N/A | | |
| Sample Status | | | | NORMAL | | |
| CONTAMINATIO | DN | 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 | | 0 | | |
| Copper | ppm | ASTM D5185m | | 3 | | |
| 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 | | |
| Molybdenum | nnm | ACTM DE10E | | 0 | | |
| | ppm | ASTM D5185m | | - | | |
| Manganese | ppm | ASTM D5185m | | <1 | | |
| Magnesium | | ASTM D5185m ASTM D5185m | | <1 1 | | |
| - | ppm | ASTM D5185m | | <1 | | |
| Magnesium | ppm | ASTM D5185m ASTM D5185m | | <1 1 3 11 | | |
| Magnesium Calcium | ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m | | <1 1 3 | | |
| Magnesium Calcium Phosphorus | ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | | <1 1 3 11 | | |
| Magnesium Calcium Phosphorus Zinc | ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | limit/base | <1 1 3 11 0 | | |
| Magnesium Calcium Phosphorus Zinc Sulfur | ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | limit/base | <1 1 3 11 0 35 | | |
| Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANT | ppm ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | limit/base | <1 1 3 11 0 35 current | history1 | history2 |
| Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANT Silicon | ppm ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m | limit/base | <1 1 3 11 0 35 current | history1 | history2 |
| Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANT Silicon Sodium | ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m | | <1 1 3 11 0 35 current 1 7 | history1 | history2 |
| Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANT Silicon Sodium Potassium | ppm | ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | >20 | <1 1 3 11 0 35 current 1 7 <1 | history1 | history2 |
| Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANT Silicon Sodium Potassium | ppm | ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | >20 | <1 1 3 11 0 35 current 1 7 <1 | history1 | history2 |
| Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANT Silicon Sodium Potassium SAMPLE IMAGE | ppm | ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | >20 | <1 1 3 11 0 35 current 1 7 <1 current | history1 history1 | history2 history2 |



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Laboratory Sample No. Lab Number Unique Number : 10858359

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 06076268

: WC06076268

: 31 Jan 2024 Recieved Diagnosed

Diagnostician : Jonathan Hester

: 05 Feb 2024

Contact: BRYAN DOLE bdole@xaerusfluids.com T:

XAERUS FLUIDS

MIDLAND, MI

US 48642

F:

2825 SCHUETTE RD

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)