

OIL ANALYSIS REPORT

Sample Rating Trend





Area **S46** [273384] WAGNER 37215070041 - DEMCTER MILLWORKS Component Compressor

_ _ _ _ _

Recommendation Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

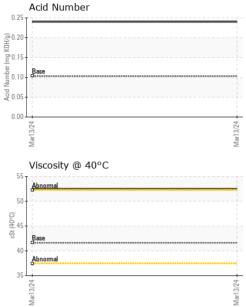
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

| SAMPLE INFORM | MATION | method | limit/base | current | history1 | history2 |
|------------------|---------------|-------------|------------|-------------|----------|----------|
| Sample Number | | Client Info | | UFD0000911 | | |
| Sample Date | | Client Info | | 13 Mar 2024 | | |
| Machine Age | hrs | Client Info | | 0 | | |
| Oil Age | hrs | Client Info | | 0 | | |
| Oil Changed | | Client Info | | Changed | | |
| Sample Status | | | | NORMAL | | |
| CONTAMINATIO | N | method | limit/base | current | history1 | history2 |
| Water | | WC Method | >0.1 | NEG | | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185m | >50 | 0 | | |
| Chromium | ppm | ASTM D5185m | >5 | <1 | | |
| Nickel | ppm | ASTM D5185m | | <1 | | |
| Titanium | ppm | ASTM D5185m | | <1 | | |
| Silver | ppm | ASTM D5185m | | <1 | | |
| Aluminum | ppm | ASTM D5185m | >15 | 3 | | |
| Lead | ppm | ASTM D5185m | >65 | <1 | | |
| Copper | ppm | ASTM D5185m | >65 | <1 | | |
| Tin | ppm | ASTM D5185m | >10 | <1 | | |
| Vanadium | ppm | ASTM D5185m | | <1 | | |
| Cadmium | ppm | ASTM D5185m | | <1 | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185m | 0.9 | 0 | | |
| Barium | ppm | ASTM D5185m | 0.1 | 0 | | |
| Molybdenum | ppm | ASTM D5185m | 0 | <1 | | |
| Manganese | ppm | ASTM D5185m | 0.2 | <1 | | |
| Magnesium | ppm | ASTM D5185m | 0.9 | <1 | | |
| Calcium | ppm | ASTM D5185m | 0 | 0 | | |
| Phosphorus | ppm | ASTM D5185m | 224 | 367 | | |
| Zinc | ppm | ASTM D5185m | 0 | 2 | | |
| Sulfur | ppm | ASTM D5185m | 273 | 49 | | |
| CONTAMINANTS | ; | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185m | >35 | 6 | | |
| Sodium | ppm | ASTM D5185m | | 0 | | |
| Potassium | ppm | ASTM D5185m | >20 | 2 | | |
| FLUID DEGRADA | ATION | method | limit/base | current | history1 | history2 |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | 0.103 | 0.24 | | |



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| | VISUAL | | method | limit/base | current | history1 | history2 | |
|-----------|--|--------|-----------|--|------------|----------|----------|--|
| | White Metal | scalar | *Visual | NONE | NONE | | | |
| | Yellow Metal | scalar | *Visual | NONE | NONE | | | |
| | Precipitate | scalar | *Visual | NONE | NONE | | | |
| | Silt | scalar | *Visual | NONE | NONE | | | |
| | Debris | scalar | *Visual | NONE | NONE | | | |
| | Sand/Dirt | scalar | *Visual | NONE | NONE | | | |
| 3/24 | Appearance | scalar | *Visual | NORML | NORML | | | |
| Marl 3/24 | Odor | scalar | *Visual | NORML | NORML | | | |
| | Emulsified Water | scalar | *Visual | >0.1 | NEG | | | |
| | Free Water | scalar | *Visual | 20.1 | NEG | | | |
| | | | | | | _ | | |
| | FLUID PROPERT | | method | limit/base | current | history1 | history2 | |
| | Visc @ 40°C | cSt | ASTM D445 | 41.61 | 52.5 | | | |
| | SAMPLE IMAGES | 6 | method | limit/base | current | history1 | history2 | |
| Mart 3/24 | Color | | | | | no image | no image | |
| | Bottom | | | | | no image | no image | |
| | Non-ferrous Metals | 5 | | Mar13/24 Mar13/24 | Acid Numbe | | | |
| | 55 Abnormal | | | -0.25 | Acid Numbe | er | | |
| | 50 | | | 0.25 0.25 0.20 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.20 | | | | |
| | (Ĵ) 0€ 45 - 83 Base | | | Ë0.15 | Pres | | | |
| | रहे Base | | | | Base | **** | | |
| | 40 - Abnormal | | | N pg 0.05 | | | | |
| | 35 | | | | | | | |
| | Mar13/24 | | | Mar13/24 | Mar13/24 | | | |
| | : WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UFD0000911 Received : 22 Apr 2024 550 : 06157000 Tested : 23 Apr 2024 SCH/ : 10992423 Diagnosed : 24 Apr 2024 - Sean Felton : IND 2 Contact c, contact Customer Service at 1-800-237-1369. ed.diener@fluidairee f are outside of the ISO 17025 scope of accreditation. T: (| | | | | | | |

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Contact/Location: ED DIENER - UCFLUSCH