

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Area NOT GIVEN Machine Id GARDNER DENVER S3400-F - CNC

Component Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

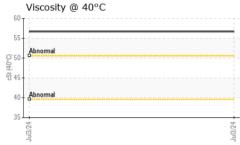
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

| SAMPLE INFORM | /IATION | method | limit/base | current | history1 | history2 |
|------------------|----------------|-------------|------------|-------------|----------|----------|
| Sample Number | | Client Info | | UFD0002308 | | |
| Sample Date | | Client Info | | 03 Jul 2024 | | |
| Machine Age | hrs | Client Info | | 2000 | | |
| Oil Age | hrs | Client Info | | 2000 | | |
| 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 | 14 | | |
| Chromium | ppm | ASTM D5185m | >10 | <1 | | |
| Nickel | ppm | ASTM D5185m | | <1 | | |
| Titanium | ppm | ASTM D5185m | | 0 | | |
| Silver | ppm | ASTM D5185m | | 0 | | |
| Aluminum | ppm | ASTM D5185m | >25 | 5 | | |
| Lead | ppm | ASTM D5185m | >25 | 0 | | |
| Copper | ppm | ASTM D5185m | >50 | <1 | | |
| Tin | ppm | ASTM D5185m | >15 | 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 | | 3 | | |
| Molybdenum | ppm | ASTM D5185m | | <1 | | |
| Manganese | ppm | ASTM D5185m | | <1 | | |
| Magnesium | ppm | ASTM D5185m | | 11 | | |
| Calcium | ppm | ASTM D5185m | | 590 | | |
| Phosphorus | ppm | ASTM D5185m | | 291 | | |
| Zinc | ppm | ASTM D5185m | | 107 | | |
| Sulfur | ppm | ASTM D5185m | | 2391 | | |
| CONTAMINANTS | ; | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185m | >25 | 5 | | |
| Sodium | ppm | ASTM D5185m | | 11 | | |
| Potassium | ppm | ASTM D5185m | >20 | 1 | | |
| FLUID DEGRADA | TION | method | limit/base | current | history1 | history2 |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | | 0.31 | | |



OIL ANALYSIS REPORT

Acid Number 0.40 (B/H0.30 , Bunger (mg 10.20 Mnu Piciel Num 0.00 Jul3/24 Jul3/24



| 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 | | |
| Appearance | scalar | *Visual | NORML | NORML | | |
| Odor | scalar | *Visual | NORML | NORML | | |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | | |
| | | *Visual | >0.1 | | | |
| Free Water | scalar | visuai | | NEG | | |
| FLUID PROPER | RTIES | method | limit/base | current | history1 | history2 |
| Visc @ 40°C | cSt | ASTM D44 | 5 | 56.7 | | |
| SAMPLE IMAG | ES | method | limit/base | current | history1 | history2 |
| Color | | | 2 | | no image | no image |
| Bottom | | | | | no image | no image |
| 5 | | | | | | |
| Non-ferrous Met | | | Jui3/24 | | | |
| Non-ferrous Met | als | | | | | |
| Non-ferrous Met | als | | Jui3/24 | Acid Number | | |
| Non-ferrous Met | als | | Jui3/24 | | | |
| Non-ferrous Met | als | | Jui3/24 | | | |
| Viscosity @ 40°C | als | | 0.40 0.10 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |) | | |
| Non-ferrous Met | als | | 0400 01.0 grid Mumber 01.0 doi: 01.0 | | | |
| Viscosity @ 40°C | als | | 0.40 0.10 0.00 0.00 0.00 0.00 0.00 0.00 0.0 |) | | |

To discuss this sample report, cor * - 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)

Certificate L2367

Contact/Location: Service Manager - UCFLUBUR

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