

OIL ANALYSIS REPORT

Sample Rating Trend





JENBACHER GM01

Fluid MAHLER Q8 Mahler G8 SAE 40 (--- GAL)

DIAGNOSIS

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.

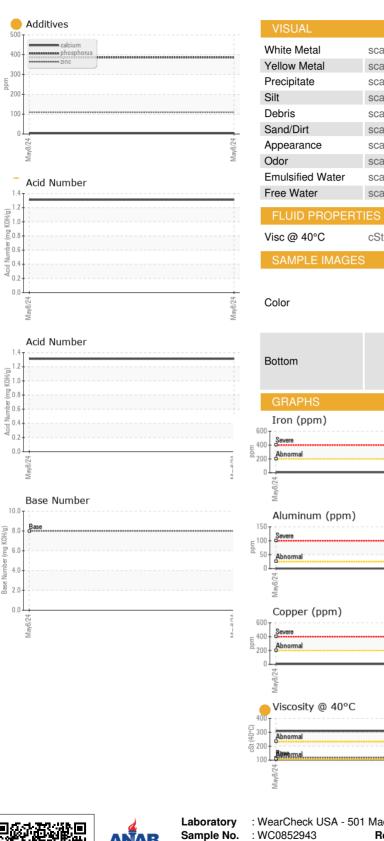
Fluid Condition

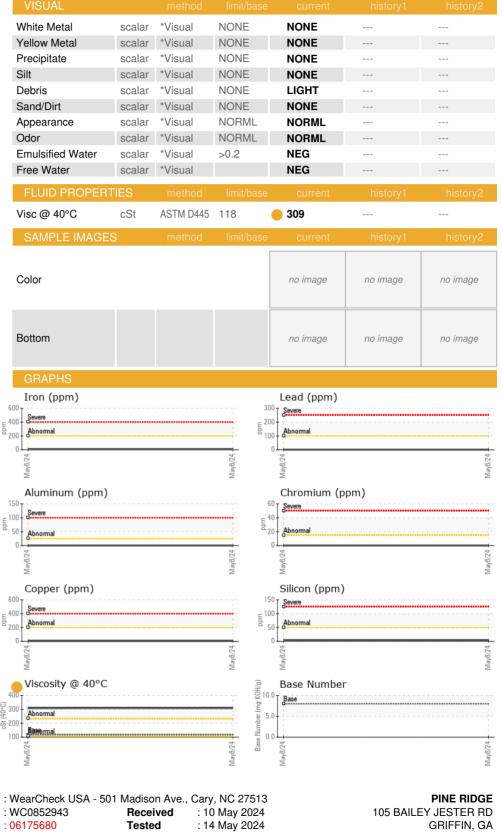
The oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type. The AN level is acceptable for this fluid.

| SAMPLE INFORM | ΛΑΤΙΟΝ | method | limit/base | current | history1 | history2 |
|------------------|----------|-------------|------------|-------------|----------|----------|
| Sample Number | | Client Info | | WC0852943 | | |
| Sample Date | | Client Info | | 08 May 2024 | | |
| Machine Age | hrs | Client Info | | 52272 | | |
| Oil Age | hrs | Client Info | | 1242 | | |
| Oil Changed | | Client Info | | N/A | | |
| Sample Status | | | | ATTENTION | | |
| CONTAMINATIO | N | method | limit/base | current | history1 | history2 |
| Water | | WC Method | >0.2 | NEG | | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185m | >200 | 8 | | |
| Chromium | ppm | ASTM D5185m | >15 | 0 | | |
| Nickel | ppm | ASTM D5185m | >15 | 0 | | |
| Titanium | ppm | ASTM D5185m | | 0 | | |
| Silver | ppm | ASTM D5185m | | 0 | | |
| Aluminum | ppm | ASTM D5185m | >25 | 0 | | |
| Lead | ppm | ASTM D5185m | >100 | 0 | | |
| Copper | ppm | ASTM D5185m | >200 | 4 | | |
| Tin | ppm | ASTM D5185m | >25 | 0 | | |
| Vanadium | ppm | ASTM D5185m | | 0 | | |
| Cadmium | ppm | ASTM D5185m | | 0 | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185m | | e 26 | | |
| Barium | ppm | ASTM D5185m | | <1 | | |
| Molybdenum | ppm | ASTM D5185m | | 2 9 | | |
| Manganese | ppm | ASTM D5185m | | 0 | | |
| Magnesium | ppm | ASTM D5185m | | <1 | | |
| Calcium | ppm | ASTM D5185m | | <u> </u> | | |
| Phosphorus | ppm | ASTM D5185m | | 386 | | |
| Zinc | ppm | ASTM D5185m | | <u> </u> | | |
| Sulfur | ppm | ASTM D5185m | | 8488 | | |
| CONTAMINANTS | 3 | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185m | >50 | 4 | | |
| Sodium | ppm | ASTM D5185m | | 1 | | |
| Potassium | ppm | ASTM D5185m | >20 | <1 | | |
| FLUID DEGRADA | TION | method | limit/base | current | history1 | history2 |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | | 1.31 | | |



OIL ANALYSIS REPORT





Lab Number : 06175680 Unique Number : 11021733 Diagnosed : 14 May 2024 - Don Baldridge Test Package : MOB 2 (Additional Tests: TBN) Contact: STEPHEN SAVAGE Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. stephen.savage@cubedistrictenergy.com * - 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: PINGRI [WUSCAR] 06175680 (Generated: 05/14/2024 19:06:28) Rev: 1

Contact/Location: STEPHEN SAVAGE - PINGRI

US 30224

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