

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

NOT GIVEN WC0904987

Component Compressor

ALPHA PREMIUM ISO 46 COMPRESSOR OIL (--- QTS)

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

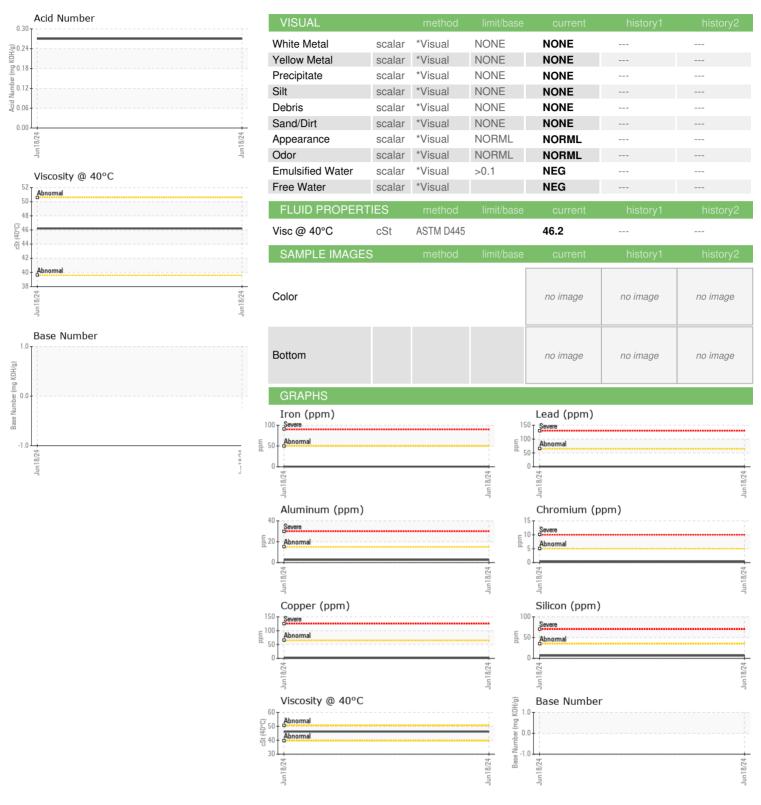
Fluid Condition

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

| IL (Q13) | | | | | | |
|------------------|----------|-------------|------------|-------------|----------|----------|
| SAMPLE INFORM | MATION | method | limit/base | current | history1 | history2 |
| Sample Number | | Client Info | | WC0904987 | | |
| Sample Date | | Client Info | | 18 Jun 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 | <1 | | |
| 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 | | |
| Barium | ppm | ASTM D5185m | | 1 | | |
| Molybdenum | ppm | ASTM D5185m | | <1 | | |
| Manganese | ppm | ASTM D5185m | | <1 | | |
| Magnesium | ppm | ASTM D5185m | | <1 | | |
| Calcium | ppm | ASTM D5185m | | 0 | | |
| Phosphorus | ppm | ASTM D5185m | | 167 | | |
| Zinc | ppm | ASTM D5185m | | 85 | | |
| Sulfur | ppm | ASTM D5185m | | 1053 | | |
| 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 | | 0.27 | | |



OIL ANALYSIS REPORT







Certificate 12367

Laboratory

Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0904987 Lab Number : 06218850

Unique Number : 11097047

Received : 24 Jun 2024 **Tested** : 26 Jun 2024 Diagnosed

: 26 Jun 2024 - Jonathan Hester Test Package : MOB 2 (Additional Tests: TBN) To discuss this sample report, contact Customer Service at 1-800-237-1369.

 st - 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)

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