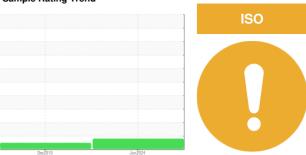


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

KAESER DSD 150 2471023 (S/N 1037)

Compressor

KAESER SIGMA (OEM) S-460 (--- LTR)

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

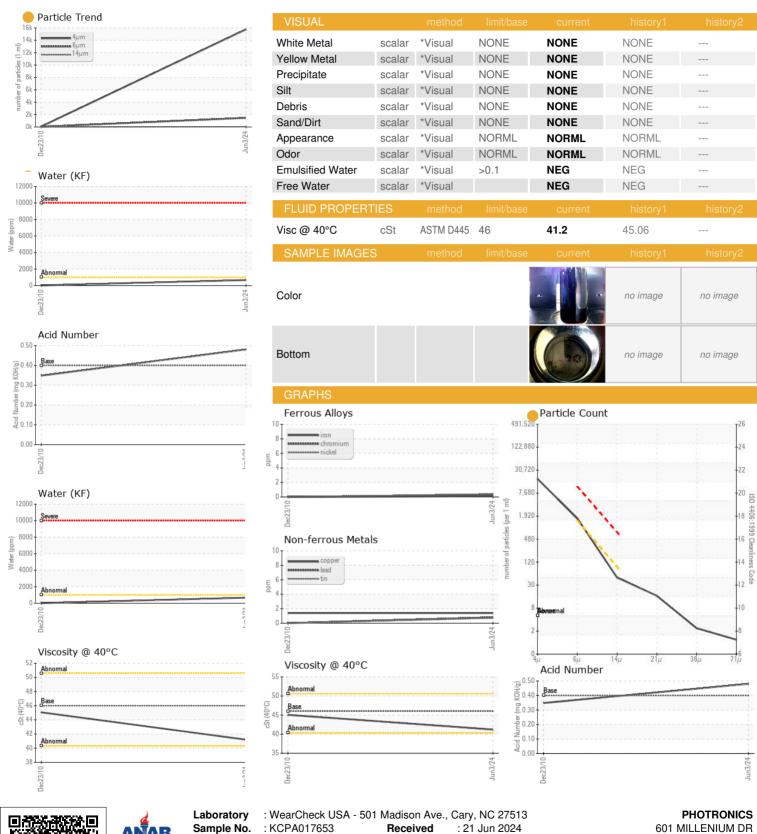
Fluid Condition

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

| | | | Dec2010 | Jun2024 | | |
|-----------------|--------|--------------|------------|------------------|-------------|----------|
| | | | | | | |
| SAMPLE INFORM | MATION | method | limit/base | current | history1 | history2 |
| Sample Number | | Client Info | | KCPA017653 | KC02783965 | |
| Sample Date | | Client Info | | 03 Jun 2024 | 23 Dec 2010 | |
| Machine Age | hrs | Client Info | | 24979 | 21698 | |
| Oil Age | hrs | Client Info | | 0 | 4376 | |
| Oil Changed | | Client Info | | Changed | N/A | |
| Sample Status | | | | ATTENTION | NORMAL | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185m | >50 | <1 | 0 | |
| Chromium | ppm | ASTM D5185m | >10 | <1 | 0 | |
| Nickel | ppm | ASTM D5185m | | <1 | 0 | |
| Titanium | ppm | ASTM D5185m | | <1 | 0 | |
| Silver | ppm | ASTM D5185m | | <1 | 0 | |
| Aluminum | ppm | ASTM D5185m | >25 | 3 | 0 | |
| Lead | ppm | ASTM D5185m | >25 | <1 | 0 | |
| Copper | ppm | ASTM D5185m | >50 | 1 | 1 | |
| Tin | ppm | ASTM D5185m | >15 | <1 | 0 | |
| Antimony | ppm | ASTM D5185m | | | 0 | |
| Vanadium | ppm | ASTM D5185m | | <1 | 0 | |
| Cadmium | ppm | ASTM D5185m | | <1 | 0 | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185m | | 0 | 0 | |
| Barium | ppm | ASTM D5185m | 90 | 1 | 0 | |
| Molybdenum | ppm | ASTM D5185m | | <1 | <1 | |
| Manganese | ppm | ASTM D5185m | | <1 | 0 | |
| Magnesium | ppm | ASTM D5185m | 90 | <1 | 0 | |
| Calcium | ppm | ASTM D5185m | 2 | 0 | 0 | |
| Phosphorus | ppm | ASTM D5185m | | 9 | 3 | |
| Zinc | ppm | ASTM D5185m | | <1 | <1 | |
| Sulfur | ppm | ASTM D5185m | | 365 | 6960 | |
| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185m | >25 | 3 | 0 | |
| Sodium | ppm | ASTM D5185m | | 0 | 0 | |
| Potassium | ppm | ASTM D5185m | >20 | 2 | 0 | |
| Water | % | ASTM D6304 | >0.1 | 0.066 | 0.002 | |
| ppm Water | ppm | ASTM D6304 | >1000 | 669 | 20 | |
| FLUID CLEANLIN | ESS | method | limit/base | current | history1 | history2 |
| Particles >4µm | | ASTM D7647 | | 15752 | 76 | |
| Particles >6µm | | ASTM D7647 | >1300 | <u> </u> | 41 | |
| Particles >14µm | | ASTM D7647 | >80 | 42 | 7 | |
| Particles >21µm | | ASTM D7647 | >20 | 14 | 2 | |
| Particles >38µm | | ASTM D7647 | >4 | 2 | 0 | |
| Particles >71µm | | ASTM D7647 | >3 | 1 | 0 | |
| Oil Cleanliness | | ISO 4406 (c) | >/17/13 | 2 1/18/13 | 13/10 | |
| FLUID DEGRADA | TION _ | method | limit/base | current | history1 | history2 |
| | | | | | | |



OIL ANALYSIS REPORT







Certificate 12367

Sample No.

Lab Number : 06216919

: KCPA017653 Unique Number : 11089783

Received **Tested** Diagnosed

: 24 Jun 2024 : 24 Jun 2024 - Don Baldridge

ALLEN, TX US 75013 Contact: SERVICE MANAGER

Test Package : IND 2 (Additional Tests: KF, PrtCount) 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)

Contact/Location: SERVICE MANAGER ? - PHOALL

Report Id: PHOALL [WUSCAR] 06216919 (Generated: 06/24/2024 14:56:57) Rev: 1

T:

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