

PROBLEM SUMMARY

Sample Rating Trend

WATER

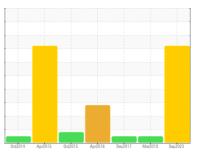


KAESER 4918928 - MCCARTHY TIRE SERVICES (S/N 1005)

Component

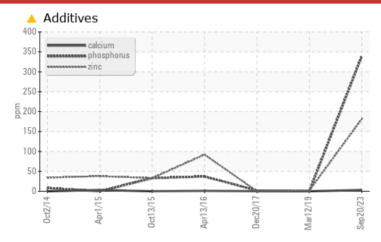
Compressor

KAESER SIGMA (OEM) S-460 (8 GAL)





COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

| PROBLEMATIC TEST RESULTS | | | | | | | | |
|--------------------------|--------|-------------|-------|--------------|--------|--------|--|--|
| Sample Status | | | | SEVERE | NORMAL | NORMAL | | |
| Phosphorus | ppm | ASTM D5185m | | △ 339 | 0 | 2 | | |
| Zinc | ppm | ASTM D5185m | | <u> </u> | 1 | 0 | | |
| Sulfur | ppm | ASTM D5185m | | <u> </u> | 16506 | 17692 | | |
| Silt | scalar | *Visual | NONE | MODER | NONE | NONE | | |
| Debris | scalar | *Visual | NONE | MODER | LIGHT | LIGHT | | |
| Emulsified Water | scalar | *Visual | >0.05 | 0.2% | NEG | NEG | | |
| Free Water | scalar | *Visual | | 1.0 | NEG | NEG | | |

Customer Id: PALFOU Sample No.: WC0845237 Lab Number: 05964724 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:

Don Baldridge +1 don.b505@comcast.net

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS

| Action | Status | Date | Done By | Description |
|---------------|--------|------|---------|---|
| Change Filter | | | ? | We recommend you service the filters on this component. |

HISTORICAL DIAGNOSIS

12 Mar 2019 Diag: Don Baldridge

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



20 Dec 2017 Diag: Don Baldridge

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report

13 Apr 2016 Diag: Jonathan Hester

WATER



We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate concentration of water present in the oil. High concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid.





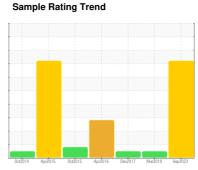
OIL ANALYSIS REPORT

Area [1635]

KAESER 4918928 - MCCARTHY TIRE SERVICES (S/N 1005)

Compressor

KAESER SIGMA (OEM) S-460 (8 GAL)





DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil. There is a moderate amount of visible silt present in the sample.

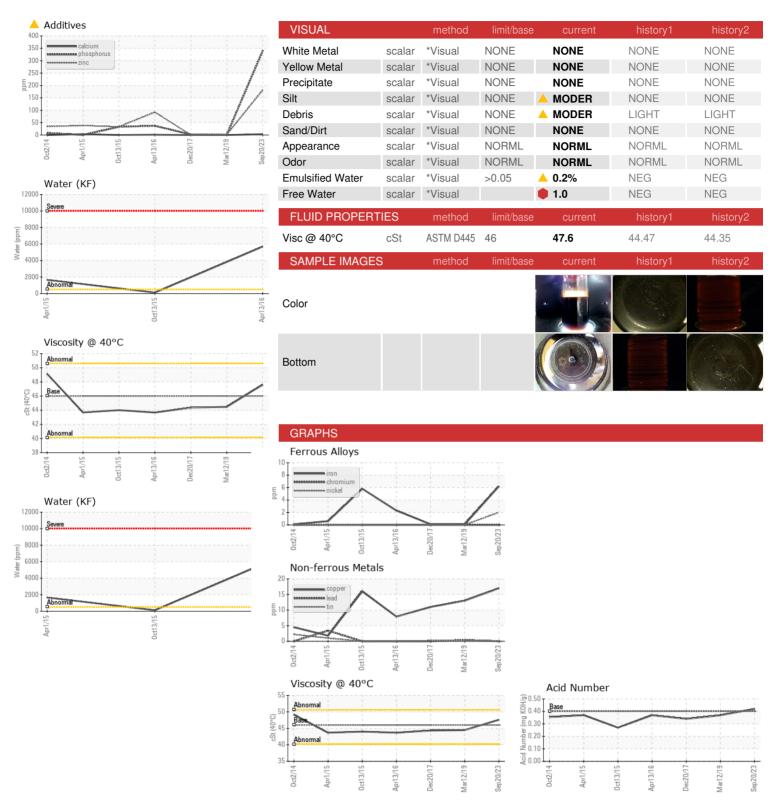
Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid.

| | | 002014 | Api2015 OCI2015 | | | |
|--|---|--|----------------------------|--|--|--|
| SAMPLE INFORM | NOITAN | method | limit/base | current | history1 | history2 |
| Sample Number | | Client Info | | WC0845237 | WCI2313441 | WCI2330815 |
| Sample Date | | Client Info | | 20 Sep 2023 | 12 Mar 2019 | 20 Dec 2017 |
| Machine Age | hrs | Client Info | | 55573 | 22934 | 16803 |
| Oil Age | hrs | Client Info | | 1402 | 6131 | 11941 |
| Oil Changed | | Client Info | | Not Changd | Changed | Changed |
| Sample Status | | | | SEVERE | NORMAL | NORMAL |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185m | >50 | 6 | <1 | <1 |
| Chromium | ppm | ASTM D5185m | >10 | 0 | 0 | 0 |
| Nickel | ppm | ASTM D5185m | >3 | 2 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | >3 | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185m | >2 | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >10 | 2 | <1 | 0 |
| Lead | ppm | ASTM D5185m | >10 | 0 | <1 | 0 |
| Copper | ppm | ASTM D5185m | >50 | 17 | 13 | 11 |
| Tin | ppm | ASTM D5185m | >10 | 0 | <1 | <1 |
| Antimony | ppm | ASTM D5185m | | | 0 | 0 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Cadmium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Barium | ppm | ASTM D5185m | 90 | 5 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Manganese | ppm | AOTA DE LOE | | | | |
| | ppiii | ASTM D5185m | | 0 | 0 | 0 |
| Magnesium | ppm | ASTM D5185m ASTM D5185m | 90 | 0 5 | 0 | 0 |
| Magnesium Calcium | | | 90 | | | |
| | ppm | ASTM D5185m | | 5 | 0 | 0 |
| Calcium | ppm ppm | ASTM D5185m ASTM D5185m | | 5 | 0 | 0 |
| Calcium Phosphorus | ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m | | 5 3 ^ 339 | 0 0 0 | 0 0 2 |
| Calcium Phosphorus Zinc | ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | | 5 3 \$\triangle 339 \$\triangle 181 | 0 0 0 0 | 0 0 2 0 |
| Calcium Phosphorus Zinc Sulfur | ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | 2 | 5 3 3339 181 1331 | 0 0 0 1 16506 | 0 0 2 0 17692 |
| Calcium Phosphorus Zinc Sulfur CONTAMINANTS | ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method | 2 limit/base | 5 3 339 181 1331 | 0 0 0 1 16506 history1 | 0 0 2 0 17692 history2 |
| Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon | ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m | 2 limit/base | 5 3 4 339 4 181 4 1331 current <1 | 0 0 0 1 16506 history1 | 0 0 2 0 17692 history2 |
| Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium | ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m | limit/base >25 | 5 3 △ 339 △ 181 △ 1331 | 0 0 0 1 16506 history1 <1 | 0 0 2 0 17692 history2 <1 0 |
| Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium | ppm ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m METHOD ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | limit/base >25 >20 | 5 3 △ 339 △ 181 △ 1331 | 0 0 0 1 16506 history1 <1 0 <1 | 0 0 2 0 17692 history2 <1 0 <1 |
| Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Water | ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D6304 | 2 limit/base >25 >20 >0.05 | 5 3 △ 339 △ 181 △ 1331 | 0 0 0 1 16506 history1 <1 0 <1 | 0 0 2 0 17692 history2 <1 0 <1 |



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number

Unique Number

Test Package : IND 2 (Additional Tests: KF)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0845237 : 05964724

: 10671275

Received Diagnosed

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

: 02 Oct 2023

: 29 Sep 2023

Diagnostician : Don Baldridge

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. **ELEVATED INDUSTRIAL SOLUTIONS - EIS**

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