

PROBLEM SUMMARY

Water

ppm Water

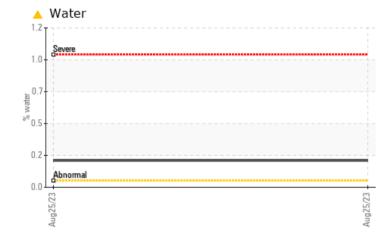
Sample Rating Trend WATER

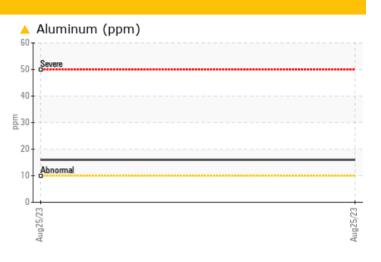
Machine Id 8165948 (S/N 1166) Component

Compressor Fluid

KAESER SIGMA (OEM) M-460 (--- GAL)

COMPONENT CONDITION SUMMARY





0.201

2010

RECOMMENDATION

The filter change at the time of sampling has been noted. We advise that you stop the unit and follow the water drain-off procedure for this component. We recommend an early resample in 500 hours to monitor this condition.

PROBLEMATIC T	EST RE	SULTS			
Sample Status				ABNORMAL	
Aluminum	nnm	ASTM D5185m	>10	A 16	

ASTM D6304 >0.05

ppm ASTM D6304 >500

%

Customer Id: EFPRAN Sample No.: KCPA006746 Lab Number: 05936715 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Doug Bogart +1 (800)237-1369 x4016 <u>dougb@wearcheckusa.com</u>

To change component or sample information: Customer Service +1 1-800-237-1369 <u>customerservice@wearcheck.com</u> There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT



WATER

Machine Id 8165948 (S/N 1166) Component

Compressor Fluid KAESER SIGMA (OEM) M-460 (--- GAL)

DIAGNOSIS

Recommendation

The filter change at the time of sampling has been noted. We advise that you stop the unit and follow the water drain-off procedure for this component. We recommend an early resample in 500 hours to monitor this condition.

🔺 Wear

The aluminum level is abnormal. All other component wear rates are normal.

Contamination

There is a light concentration of water present in the oil. The amount and size of particulates present in the system are acceptable.

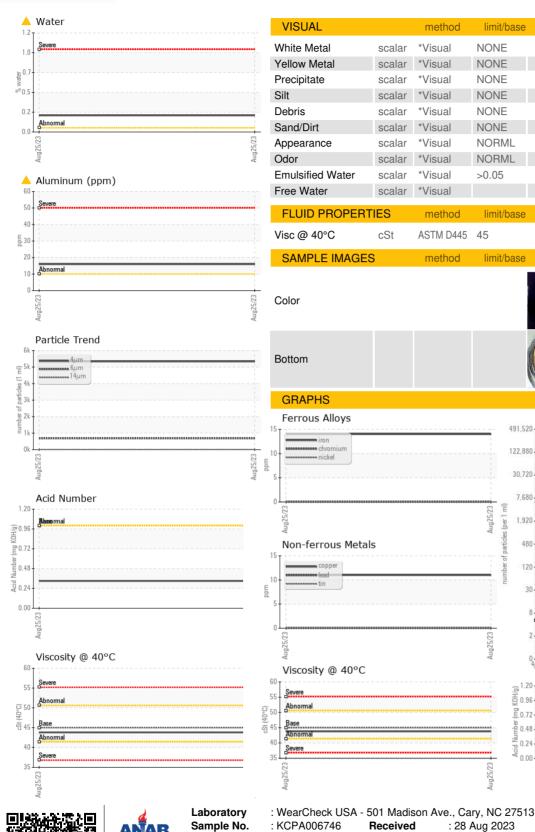
Fluid Condition

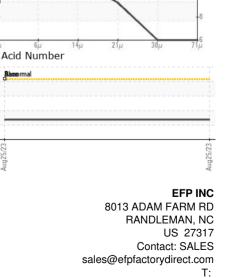
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sample Status Image of the status ABNORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM 05185m >50 14 Chromium ppm ASTM 05185m >30 Nickel ppm ASTM 05185m >32 0 Aluminum ppm ASTM 05185m >2 0 Lead ppm ASTM 05185m >10 0 Aduminum ppm ASTM 05185m >10 0 Lead ppm ASTM 05185m >10 0 Cadmium ppm ASTM 05185m 0 0 ADDITIVES method limit/base current history1 history2 Barium ppm ASTM 05185m 0 0 -					Aug2023		
Sample Date Client Info 25 Aug 2023 Machine Age hrs Client Info 4035 Oil Age hrs Client Info N/A Sample Status Client Info N/A WEAR METALS method limit/base current history1 history2 Iron ppm ASTM 05155m >3 0 Nickel ppm ASTM 05155m >3 0 Auminum ppm ASTM 05155m >3 0 Lead ppm ASTM 05155m >10 0 Vanadium ppm ASTM 05155m 10 0 Adaminum ppm ASTM 05155m 10 0 Lead ppm ASTM 05155m 0 0 Asadum	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
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FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>3	0		
	Oil Cleanliness		ISO 4406 (c)	>/17/13	20/17/11		
Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.33	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.33		



OIL ANALYSIS REPORT





history1

history

history1

no image

no image

current

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

current

current

Particle Count

491,52

122,880

30.720 7,680

480

120

30

(B/H0) MOX 0.96

Ê 0.72

- e 0.48

Acid

: 14 Sep 2023

Diagnostician : Doug Bogart

0.24

0.00

per 1 1,920 0.2%

NEG

43.8

history2

history2

history2

no image

no image

4406

:1999 Cle

14

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.

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

: 05936715

: 10621986

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

Diagnosed

Certificate L2367

Lab Number

Unique Number

F: