

OIL ANALYSIS REPORT

Machine Ic KAESER AS 30 2454435 (S/N 1053)

Component Compressor

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

A Recommendation

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

Wear

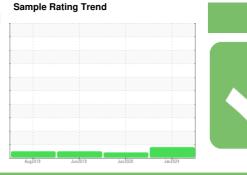
All component wear rates are normal.

Contamination

There is a moderate amount of particulates present in the oil.

Fluid Condition

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





ISO

		Aug201	8 Jun2019	Jun2020 Ja	n2024	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA007022	KCP10081	KCP19598
Sample Date		Client Info		23 Jan 2024	11 Jun 2020	06 Jun 2019
Machine Age	hrs	Client Info		99999	99999	94265
Oil Age	hrs	Client Info		0	4000	6715
Oil Changed		Client Info		N/A	Changed	Changed
Sample Status				ATTENTION	ABNORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	<1	0
Aluminum	ppm	ASTM D5185m	>10	0	0	0
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>50	6	1	8
Tin	ppm	ASTM D5185m	>10	0	<1	0
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	2	0
Barium	ppm	ASTM D5185m	90	0	<1	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	90	0	0	0
Calcium	ppm	ASTM D5185m	2	0	<1	0
Phosphorus	ppm	ASTM D5185m		0	0	<1
Zinc	ppm	ASTM D5185m		0	0	0
Sulfur	ppm	ASTM D5185m		13406	3870	14866
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	<1	0
Sodium	ppm	ASTM D5185m		<1	0	<1
Potassium	ppm	ASTM D5185m	>20	0	0	<1
Water	%	ASTM D6304	>0.05	0.007	0.005	0.008
ppm Water	ppm	ASTM D6304	>500	70	51.9	80
FLUID CLEANLI	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		9240		1142
Particles >6µm		ASTM D7647	>1300	2 371		169
Particles >14μm		ASTM D7647	>80	50		18
Particles >21µm		ASTM D7647	>20	7		8
Particles >38µm		ASTM D7647	>4	0		2
Particles >71µm		ASTM D7647		0		0
Oil Cleanliness		ISO 4406 (c)	>/17/13	20/18/13		15/11
		(2)				

Acid Number (AN)

mg KOH/g ASTM D8045 0.4

0.451

0.33

Report Id: ALEMOR [WUSCAR] 06073964 (Generated: 02/01/2024 11:52:22) Rev: 1

FLUID DEGRADATION

```
0.320
Contact/Location: ? ? - ALEMOR
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10

6

4

2

0

12000

1000

600 Water 400

200

0.50

0.00

1000

600 Water (

4000

200

52

50

47

4(

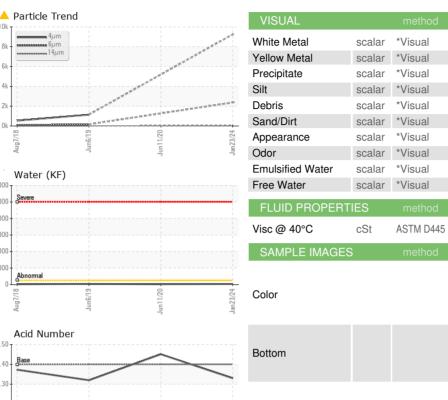
3

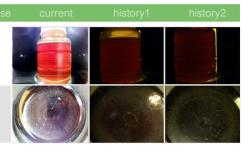
(B/HOX Ê0.3 E 0.20 Pio 0.1

(maa)

r of particles (1 ml)

OIL ANALYSIS REPORT





NONE

NONE

NONE

NONE

MODER

NONE

NORML

NORML

NEG

NEG

45.0

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

46.7

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

45.6

NONE

NONE

NONE

NONE

NONE

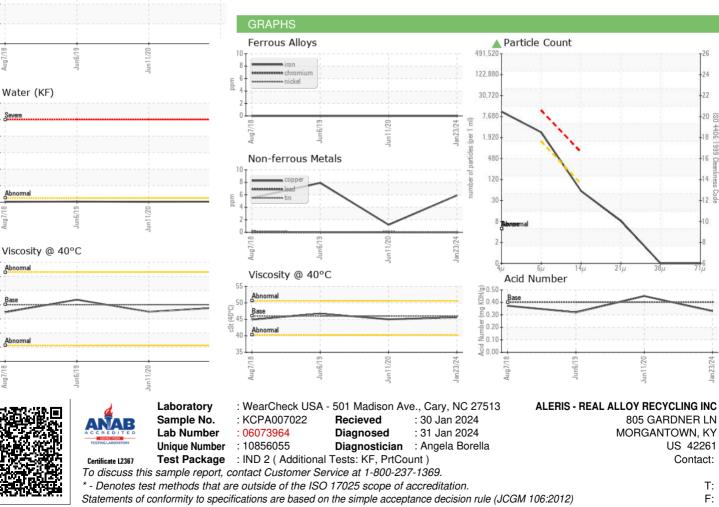
NONE

NORML

NORML

>0.05

46



Contact/Location: ? ? - ALEMOR Page 2 of 2