

PROBLEM SUMMARY

Sample Rating Trend

ISO

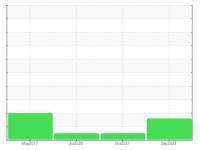
Machine Id

KAESER ASD 40T 4434235 (S/N 1103)

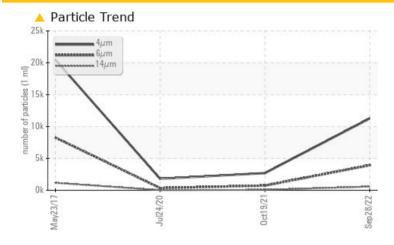
Component

Compressor

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



COMPONENT CONDITION SUMMARY



RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS									
Sample Status			ABNORMAL	NORMAL	NORMAL				
Particles >6µm	ASTM D7647	>1300	△ 3933	733	341				
Particles >14µm	ASTM D7647	>80	▲ 574	69	17				
Particles >21µm	ASTM D7647	>20	<u> </u>	16	4				
Oil Cleanliness	ISO 4406 (c)	>/17/13	2 1/19/16	17/13	16/11				

Customer Id: CRAPLA Sample No.: KCP46002 Lab Number: 05664171 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 jhester@wearcheckusa.com

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 Fluid			?	Oil and filter change at the time of sampling has been noted.
Change Filter			?	Oil and filter change at the time of sampling has been noted.

HISTORICAL DIAGNOSIS

19 Oct 2021 Diag: Doug Bogart

NORMAL



Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



24 Jul 2020 Diag: Angela Borella

NORMAL



Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report

23 May 2017 Diag: Don Baldridge

ISO



Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.





OIL ANALYSIS REPORT



KAESER ASD 40T 4434235 (S/N 1103)

Compressor

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

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

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

Fluid Condition

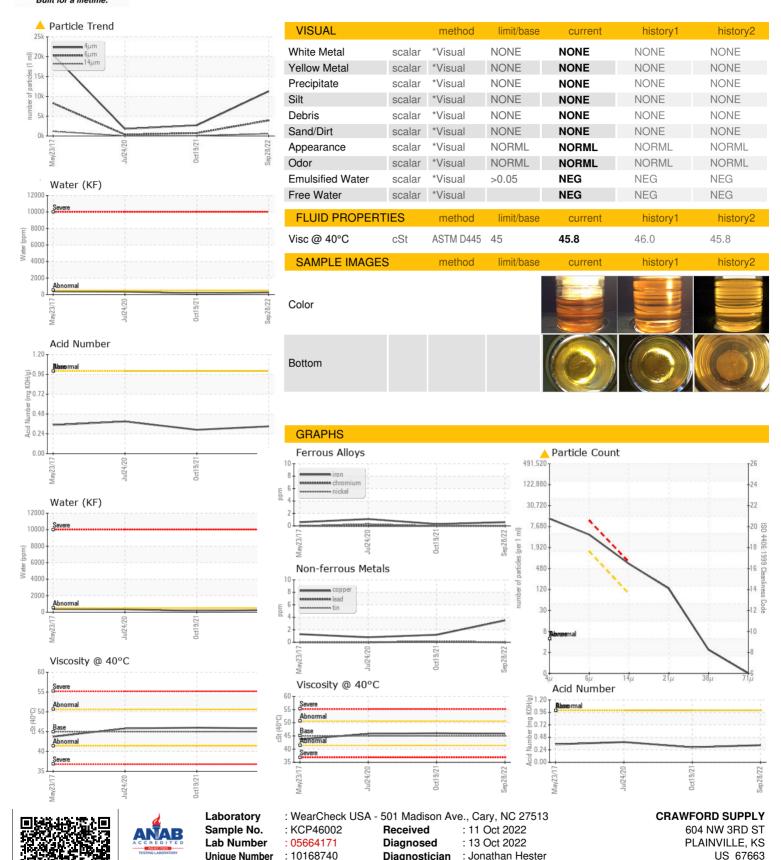
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

		May201	7 Jul2020	0et2021 S	pp2022	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCP46002	KCP36445	KCP10153
Sample Date		Client Info		28 Sep 2022	19 Oct 2021	24 Jul 2020
Machine Age	hrs	Client Info		6903	5876	5182
Oil Age	hrs	Client Info		1027	694	610
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	<1	1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	<1
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	<1	0
Aluminum	ppm	ASTM D5185m	>10	<1	2	<1
Lead	ppm	ASTM D5185m	>10	0	<1	0
Copper	ppm	ASTM D5185m	>50	4	1	<1
Tin	ppm	ASTM D5185m	>10	0	<1	0
Antimony	ppm	ASTM D5185m			0	0
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	<1	0
Barium	ppm	ASTM D5185m	90	6	0	7
Molybdenum	ppm	ASTM D5185m	0	0	0	<1
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m	100	77	80	80
Calcium	ppm	ASTM D5185m	0	1	0	1
Phosphorus	ppm	ASTM D5185m	0	7	5	1
Zinc	ppm	ASTM D5185m	0	5	0	3
Sulfur	ppm	ASTM D5185m	23500	24889	18795	18149
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	2	<1	1
Sodium	ppm	ASTM D5185m		23	27	18
Potassium	ppm	ASTM D5185m	>20	4	3	0
Water	%	ASTM D6304	>0.05	0.025	0.014	0.035
ppm Water	ppm	ASTM D6304	>500	259.7	146.8	352.9
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647		11270	2696	1791
Particles >6µm		ASTM D7647	>1300	4 3933	733	341
Particles >14μm		ASTM D7647	>80	<u>^</u> 574	69	17
Particles >21µm		ASTM D7647	>20	<u> </u>	16	4
Particles >38μm		ASTM D7647	>4	2	2	0
Particles >71μm		ASTM D7647		0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	<u>21/19/16</u>	17/13	16/11
FLUID DEGRADA	TION	method	limit/base	current	history1	history2

0.390



OIL ANALYSIS REPORT



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

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

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.



Certificate L2367

T:

F:

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