

PROBLEM SUMMARY

Sample Rating Trend

ISO

Machine Id

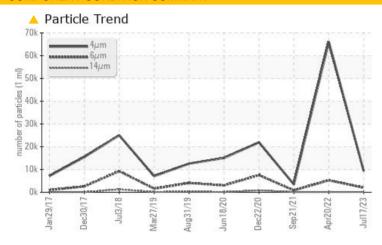
KAESER CSD 75 2306137 (S/N 1004)

Component

Compressor

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

COMPONENT CONDITION SUMMARY



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS									
Sample Status			ATTENTION	ABNORMAL	ATTENTION				
Particles >6µm	ASTM D7647	>1300	<u> </u>	<u>▲</u> 5263	844				
Particles >14μm	ASTM D7647	>80	<u> </u>	<u> </u>	▲ 87				
Particles >21µm	ASTM D7647	>20	^ 30	△ 32	<u>^</u> 25				
Oil Cleanliness	ISO 4406 (c)	>/17/13	20/18/14	<u>20/14</u>	▲ 17/14				

Customer Id: GENWEN Sample No.: KCPA004617 Lab Number: 05903803 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Angela Borella +1 800-237-1369 angela.borella@wearcheckusa.com

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

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

20 Apr 2022 Diag: Don Baldridge

ISO



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. 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 suitable for further service.



21 Sep 2021 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 moderate 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.



22 Dec 2020 Diag: Angela Borella

150



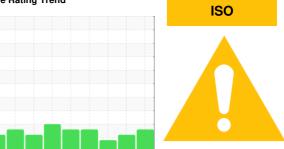
The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





OIL ANALYSIS REPORT

Sample Rating Trend



KAESER CSD 75 2306137 (S/N 1004)

Compressor

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

DIAGNOSIS

Recommendation

The 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 moderate amount of particulates present in the oil.

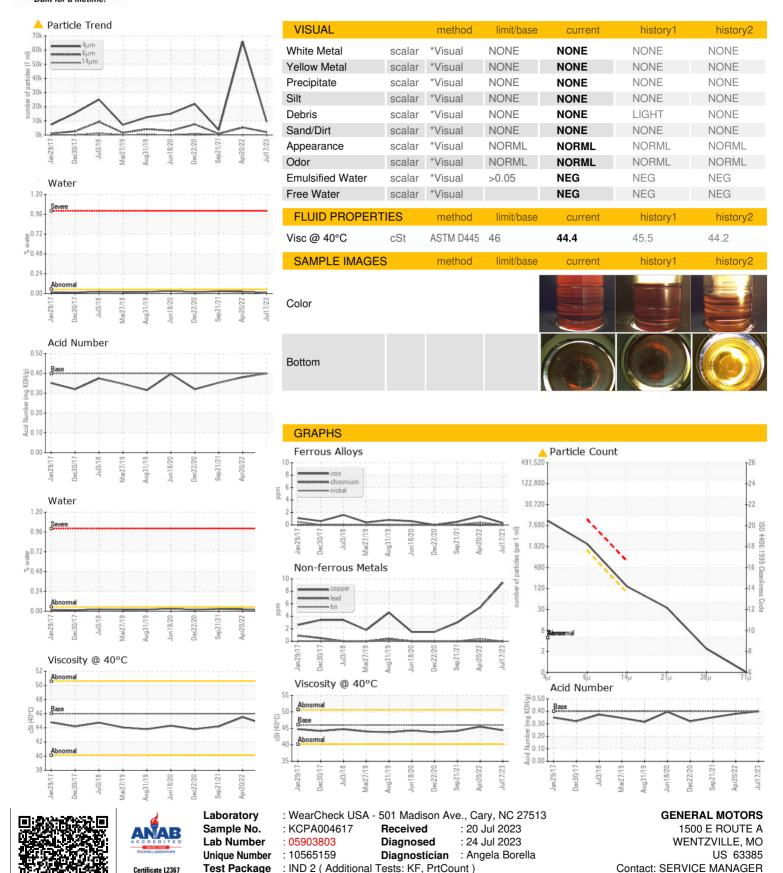
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

		Jan2017 Dec2	017 Jul2018 Mar2019 Aug2	019 Jun2020 Dec2020 Sep2021 Apr2	022 Jul2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA004617	KCP44353	KCP36330
Sample Date		Client Info		17 Jul 2023	20 Apr 2022	21 Sep 2021
Machine Age	hrs	Client Info		57024	51055	49425
Oil Age	hrs	Client Info		0	2000	4392
Oil Changed		Client Info		N/A	Not Changd	Changed
Sample Status				ATTENTION	ABNORMAL	ATTENTION
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	<1	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>10	<1	<1	3
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>50	9	5	3
Tin	ppm	ASTM D5185m	>10	0	<1	0
Antimony	ppm	ASTM D5185m				<1
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	<1
Barium	ppm	ASTM D5185m	90	0	0	12
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m	90	11	47	59
Calcium	ppm	ASTM D5185m	2	0	0	<1
Phosphorus	ppm	ASTM D5185m		0	2	5
Zinc	ppm	ASTM D5185m		0	20	0
Sulfur	ppm	ASTM D5185m		23025	15110	16102
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	<1	0
Sodium	ppm	ASTM D5185m		3	14	16
Potassium	ppm	ASTM D5185m	>20	0	<1	3
Water	%	ASTM D6304	>0.05	800.0	0.022	0.028
ppm Water	ppm	ASTM D6304	>500	89.2	225.8	284.2
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647		9297	66088	3430
Particles >6µm		ASTM D7647	>1300	<u> </u>	<u>▲</u> 5263	844
Particles >14μm		ASTM D7647	>80	<u> </u>	<u> </u>	▲ 87
Particles >21µm		ASTM D7647	>20	<u></u> 430	△ 32	<u>^</u> 25
Particles >38µm		ASTM D7647	>4	2	2	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	<u>^</u> 20/18/14	<u>^</u> 20/14	▲ 17/14
FLUID DEGRADA	TION	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT



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)

T: F: