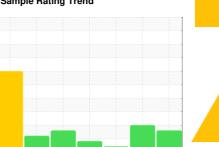


OIL ANALYSIS REPORT

Sample Rating Trend



WATER

KAESER AIRCENTER SK 15 4258682 (S/N 1128)

Component

Compressor

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

DIAGNOSIS

Recommendation

There is too much water present in this sample to perform a particle count. 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.

All component wear rates are normal.

Contamination

There is a moderate concentration of water present in the oil.

Fluid Condition

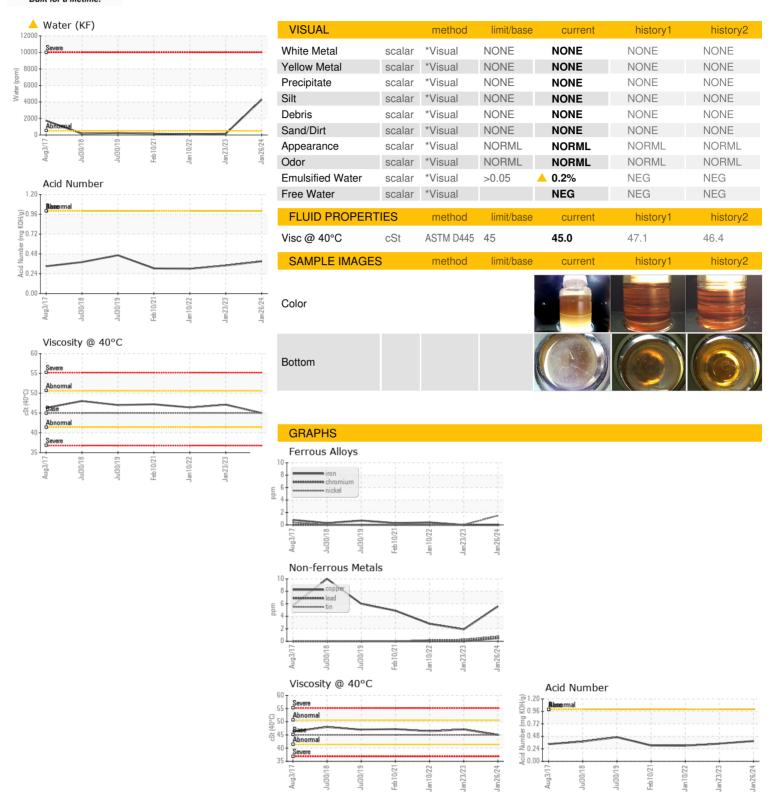
The AN level is acceptable for this fluid.

		Aug2017	Jul2018 Jul2019	Feb 2021 Jan 2022 Jan 2023	Jan 2024	
SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA011019	KCP55744	KCP43819
Sample Date		Client Info		26 Jan 2024	23 Jan 2023	10 Jan 2022
Machine Age	hrs	Client Info		27756	25440	23117
Oil Age	hrs	Client Info		0	0	2146
Oil Changed		Client Info		N/A	Changed	Changed
Sample Status				ABNORMAL	ABNORMAL	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>3	2	0	0
Titanium	ppm	ASTM D5185m	>3	<1	<1	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>10	<1	4	<1
Lead	ppm	ASTM D5185m	>10	<1	0	0
Copper	ppm	ASTM D5185m	>50	6	2	3
Tin	ppm	ASTM D5185m	>10	<1	<1	<1
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	0
Barium	ppm	ASTM D5185m	90	29	0	0
Molybdenum	ppm	ASTM D5185m	0	0	<1	0
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m	100	57	65	55
Calcium	ppm	ASTM D5185m	0	0	5	<1
Phosphorus	ppm	ASTM D5185m	0	4	4	2
Zinc	ppm	ASTM D5185m	0	6	0	9
Sulfur	ppm	ASTM D5185m	23500	18250	21590	18740
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	<1	<1
Sodium	ppm	ASTM D5185m		5	19	19
Potassium	ppm	ASTM D5185m	>20	2	2	0
Water	%	ASTM D6304	>0.05	△ 0.430	0.015	0.011
ppm Water	ppm	ASTM D6304	>500	4300	156.2	117.0
FLUID CLEANLINE	SS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647			14460	1521
Particles >6µm		ASTM D7647	>1300		<u>4847</u>	539
Particles >14µm		ASTM D7647	>80		<u></u> 564	A 84
Particles >21µm		ASTM D7647	>20		<u>138</u>	26
Particles >38µm		ASTM D7647	>4		<u> </u>	1
Particles >71µm		ASTM D7647	>3		0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13		1 21/19/16	1 6/14
FLUID DEGRADAT	TION	method	limit/base	current	history1	history2
	_					

Acid Number (AN)



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: 06076873 : 10858964

: KCPA011019

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 01 Feb 2024 Diagnosed

: 02 Feb 2024 Diagnostician : Don Baldridge

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

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)

CREE VISUAL MARKETING CO

1200 CROWLEY DR CARROLLTON, TX US 75006

Contact: Service Manager

T:

F: