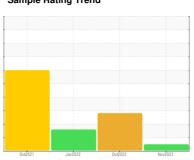


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id **4313268 (S/N 1763)**

Component

Compressor

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

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

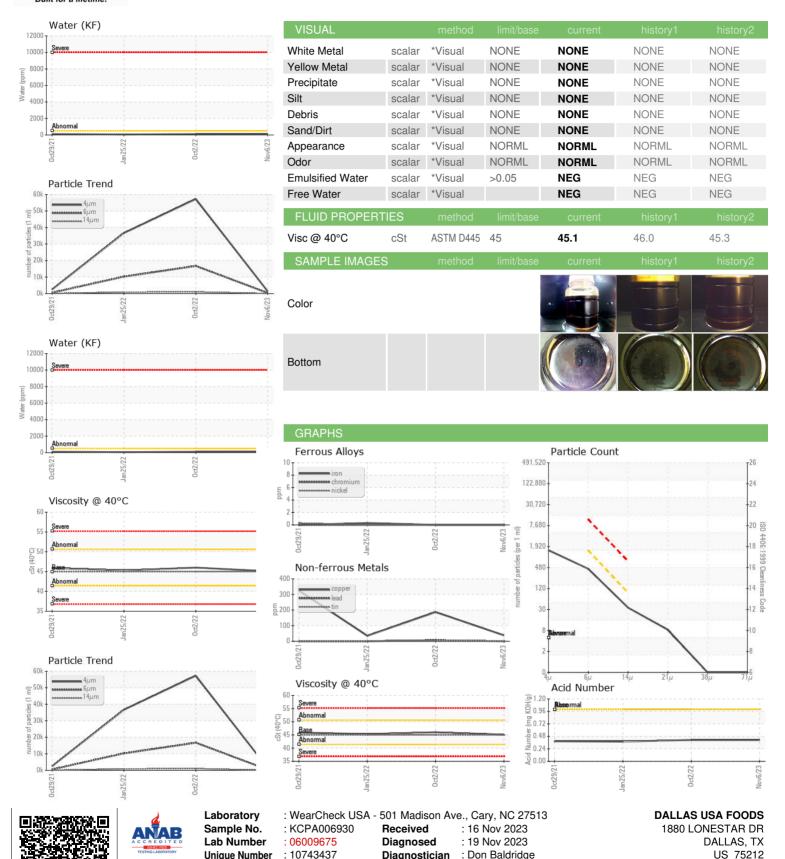
Fluid Condition

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

		0et202	1 Jan 2022	Oct2022 No	v2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA006930	KCP46156	KCP27723
Sample Date		Client Info		06 Nov 2023	02 Oct 2022	25 Jan 2022
Machine Age	hrs	Client Info		26813	21369	15359
Oil Age	hrs	Client Info		0	3000	2084
Oil Changed		Client Info		N/A	Changed	Not Changd
Sample Status				NORMAL	ABNORMAL	ABNORMAL
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	0	0	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	<1	<1
Aluminum	ppm	ASTM D5185m	>10	<1	0	0
Lead	ppm	ASTM D5185m	>10	0	7	0
Copper	ppm	ASTM D5185m	>50	38	<u>▲</u> 187	35
Tin	ppm	ASTM D5185m	>10	0	0	0
Antimony	ppm	ASTM D5185m				<1
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	<1
Barium	ppm	ASTM D5185m	90	6	0	0
Molybdenum	ppm	ASTM D5185m	0	0	<1	0
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m	100	0	9	1
Calcium	ppm	ASTM D5185m	0	<1	0	0
Phosphorus	ppm	ASTM D5185m	0	17	14	11
Zinc	ppm	ASTM D5185m	0	0	0	141
Sulfur	ppm	ASTM D5185m	23500	17784	15991	15977
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	<1	11
Sodium	ppm	ASTM D5185m		0	0	<1
Potassium	ppm	ASTM D5185m	>20	<1	0	<1
Water	%	ASTM D6304	>0.05	0.008	0.010	0.005
ppm Water	ppm	ASTM D6304	>500	84.0	109.3	59.7
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647		1320	57245	36655
Particles >6µm		ASTM D7647	>1300	388	<u>▲</u> 16707	▲ 10242
Particles >14μm		ASTM D7647	>80	30	△ 993	<u></u> 830
Particles >21μm		ASTM D7647	>20	7	<u></u> 161	△ 231
Particles >38μm		ASTM D7647	>4	0	<u> 7</u>	<u>^</u> 7
Particles >71μm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	18/16/12	<u>\$\text{23/21/17}\$</u>	▲ 21/17
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2



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:

Contact: Service Manager