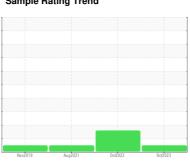


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id KAESER ASD 25 2016829 (S/N 1105)

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.

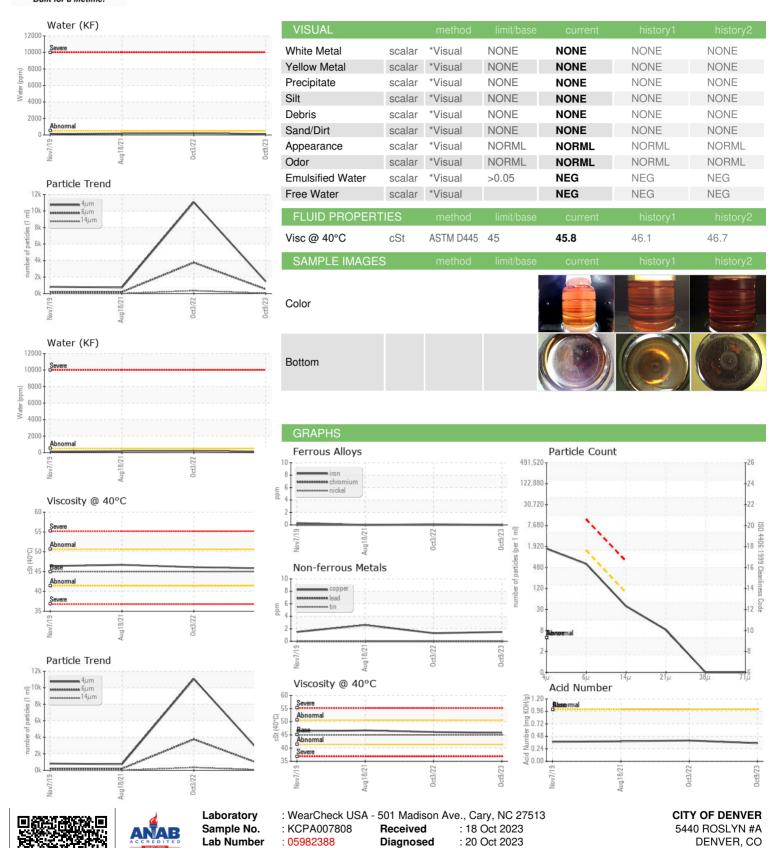
Fluid Condition

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

		Nov201	9 Aug ² 021	0ct2022 0c	12023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA007808	KCP50487	KCP42920
Sample Date		Client Info		09 Oct 2023	03 Oct 2022	18 Aug 2021
Machine Age	hrs	Client Info		44210	42247	40106
Oil Age	hrs	Client Info		0	2141	4627
Oil Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	ABNORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	<1	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	0	<1
Aluminum	ppm	ASTM D5185m	>10	0	<1	<1
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>50	2	1	3
Tin	ppm	ASTM D5185m	>10	0	0	0
Antimony	ppm	ASTM D5185m				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	0	0	16
Barium	ppm	ASTM D5185m	90	31	44	30
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	100	78	76	55
Calcium	ppm	ASTM D5185m	0	0	1	0
Phosphorus	ppm	ASTM D5185m	0	0	3	0
Zinc	ppm	ASTM D5185m	0	0	2	0
Sulfur	ppm	ASTM D5185m	23500	19949	23784	19171
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	1	1	0
Sodium	ppm	ASTM D5185m		20	18	18
Potassium	ppm	ASTM D5185m	>20	1	<1	1
Water	%	ASTM D6304	>0.05	0.012	0.021	0.017
ppm Water	ppm	ASTM D6304	>500	123.0	216.8	179.2
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647		1467	11065	735
Particles >6µm		ASTM D7647	>1300	535	<u></u> 3754	193
Particles >14μm		ASTM D7647	>80	33	△ 342	11
Particles >21µm		ASTM D7647	>20	7	<u></u> 57	2
Particles >38μm		ASTM D7647	>4	0	1	0
Particles >71μm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	18/16/12	<u>21/19/16</u>	15/11
FLUID DEGRADA	TION	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT



Unique Number

: 10699683

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.

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

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

Diagnostician : Angela Borella

US 80216

T: F:

Contact: Service Manager