

OIL ANALYSIS REPORT

Sample Rating Trend

KAESER ASD 40S 5856938 (S/N 1168)

Component Compressor

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

DIAGNOSIS

Recommendation

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.

Wear

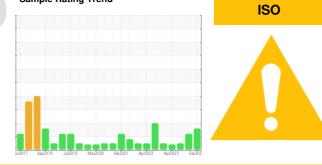
All component wear rates are normal.

Contamination

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

Fluid Condition

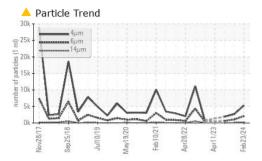
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

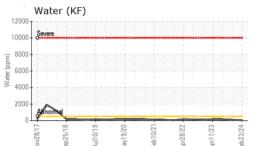


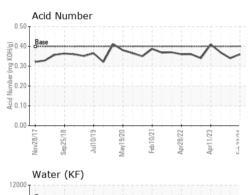
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KC122574	KC124402	KC108929
Sample Date		Client Info		23 Feb 2024	26 Oct 2023	17 Jul 2023
Machine Age	hrs	Client Info		37329	36098	34351
Oil Age	hrs	Client Info		0	0	3000
Oil Changed		Client Info		N/A	N/A	Changed
Sample Status				ABNORMAL	ATTENTION	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	<1
Chromium	ppm	ASTM D5185m	>10	<1	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	0	0	<1
Lead	ppm	ASTM D5185m	>10	0	<1	0
Copper	ppm	ASTM D5185m	>50	10	10	10
Tin	ppm	ASTM D5185m	>10	0	0	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
Barium	ppm	ASTM D5185m	90	0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m	90	1	4	15
Calcium	ppm	ASTM D5185m	2	1	0	0
Phosphorus	ppm	ASTM D5185m		3	2	0
Zinc	ppm	ASTM D5185m		18	0	39
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	0	0
Sodium	ppm	ASTM D5185m		0	2	0
Potassium	ppm	ASTM D5185m	>20	0	<1	2
Water	%	ASTM D6304	>0.05	0.005	0.009	0.016
ppm Water	ppm	ASTM D6304	>500	54	99.8	162.6
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		5309	2674	1890
Particles >6µm		ASTM D7647	>1300	<u> </u>	1040	595
Particles >14µm		ASTM D7647	>80	<u> </u>	90	45
Particles >21µm		ASTM D7647	>20	<u> </u>	24	14
Particles >38µm		ASTM D7647	>4	2	2	1
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	20/18/15	9/17/14	18/16/13
		ISO 4406 (c) method	>/17/13 limit/base	20/18/15 current	19/17/14 history1	18/16/13 history2

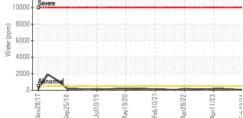


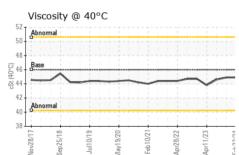
OIL ANALYSIS REPORT

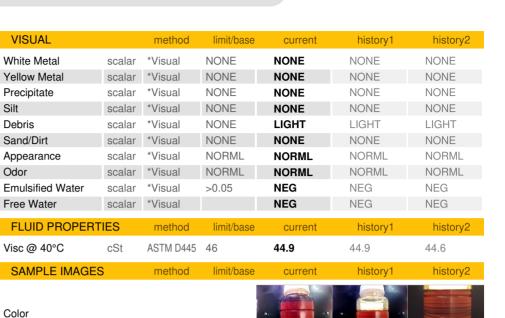


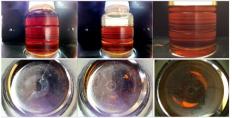




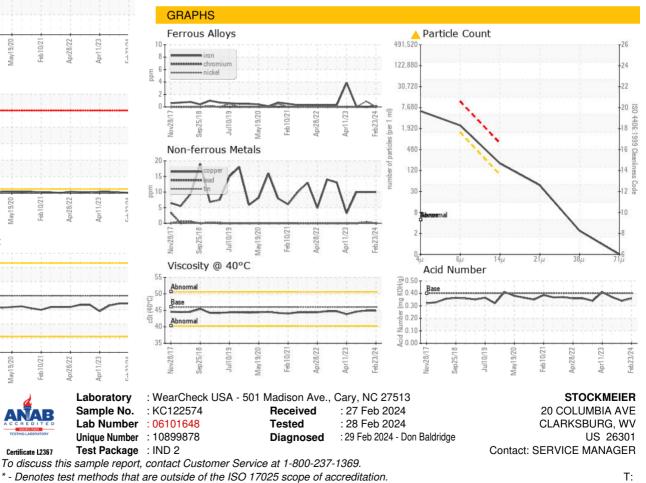








Bottom



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

Certificate L2367

Contact/Location: SERVICE MANAGER ? - STOCLA

F: