

OIL ANALYSIS REPORT

KAESER ASD 40 5493666 (S/N 1216)

Compressor

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

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

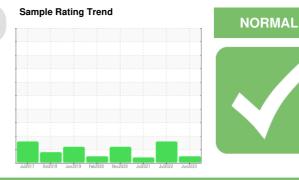
All component wear rates are normal.

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.

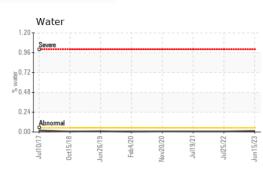


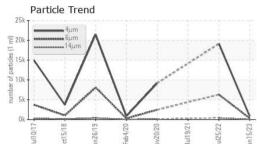
SAMPLE INFORM	MATION	method	limit/base	current	history 1	history 2
Sample Number		Client Info		KC123038	KC103518	KC92878
Sample Date		Client Info		15 Jun 2023	25 Jul 2022	19 Jul 2021
Machine Age	hrs	Client Info		31195	27797	22327
Oil Age	hrs	Client Info		0	2193	3080
Oil Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>50	<1	0	0
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m	>3	1	0	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	<1
Aluminum	ppm	ASTM D5185m	>10	<1	<1	0
Lead	ppm	ASTM D5185m		<1	0	0
Copper	ppm	ASTM D5185m		10	12	13
Tin	ppm	ASTM D5185m		<1	<1	0
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES	P.P.	method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m		0	0	21
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	18	0	<1
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m	-	2	<1	8
Zinc	ppm	ASTM D5185m		6	0	0
CONTAMINANTS	8	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	>25	<1	0	<1
Sodium	ppm	ASTM D5185m		4	0	<1
Potassium	ppm	ASTM D5185m	>20	4	0	0
Water	%	ASTM D6304	>0.05	0.013	0.006	0.006
ppm Water	ppm	ASTM D6304		131.3	68.8	66.2
FLUID CLEANLIN	NESS	method	limit/base	current	history 1	history 2
Particles >4µm		ASTM D7647		840	19117	
Particles >6µm		ASTM D7647	>1300	326	6299	
Particles >14µm		ASTM D7647	>80	52	4 04	
Particles >21µm		ASTM D7647	>20	17	<u> </u>	
Particles >38µm		ASTM D7647	>4	1	4	
Particles >71µm		ASTM D7647	>3	0	0	
Oil Cleanliness		ISO 4406 (c)	>/17/13	17/16/13	▲ 21/20/16	
FLUID DEGRADA	ATION	method	limit/base	current	history 1	history 2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.41	0.41	0.382

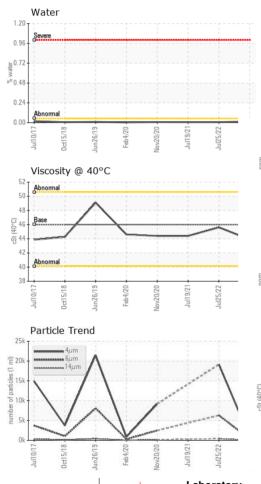
Contact/Location: SERVICE MANAGER - BAYUNI



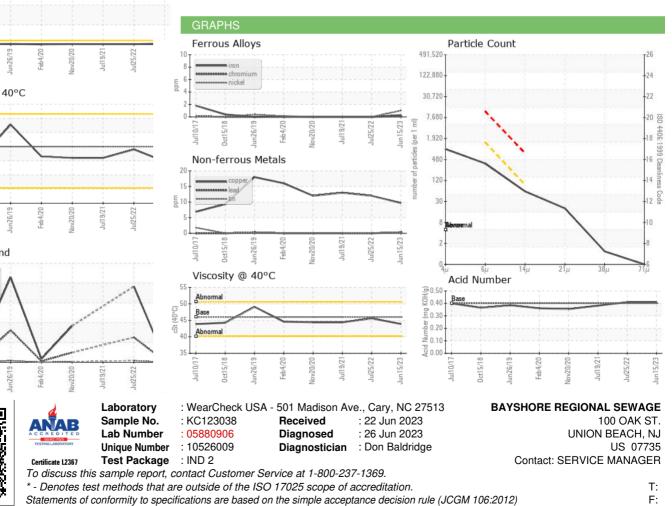
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VISUAL		ام م الدم میں			latata mu d	biotom: O
VISUAL		method	limit/base	current	history 1	history 2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	A MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D445	46	43.9	45.6	44.4
SAMPLE IMAGES	3	method	limit/base	current	history 1	history 2
Color						
Bottom						



Contact/Location: SERVICE MANAGER - BAYUNI