

OIL ANALYSIS REPORT

Sample Rating Trend

WEAR

Machine Id

KAESER SM 15 6216209 (S/I

Compressor Fluid

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

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

🛑 Wear

An increase in the copper level is noted. All other 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.

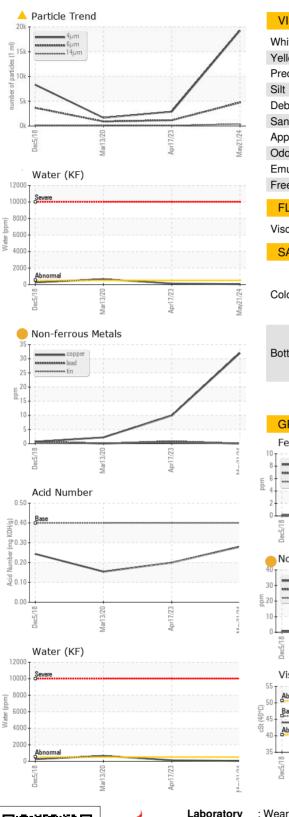
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Dec201	8 Mar2020	Apr2023 Mi	72024	
method	limit/base	current	history1	history2
Client Info		KCPA018154	KCP53605	KCP24763
Client Info		21 May 2024	17 Apr 2023	13 Mar 2020
Client Info		6161	2708	437
Client Info		3453	1367	189
Client Info		Changed	Changed	Changed
		ABNORMAL	ATTENTION	ABNORMAL
method	limit/base	current	history1	history2
ASTM D5185m	>50	0	0	<1
ASTM D5185m		0	<1	0
ASTM D5185m	>3	0	<1	0
ASTM D5185m		0	<1	0
ASTM D5185m	>2	0	0	<1
ASTM D5185m	>10	0	0	<1
ASTM D5185m	>10	0	<1	0
ASTM D5185m	>50	a 32	10	2
ASTM D5185m	>10	0	<1	<1
ASTM D5185m				0
ASTM D5185m		<1	0	0
ASTM D5185m		0	<1	0
method	limit/base	current	history1	history2
ASTM D5185m		0	0	<1
ASTM D5185m	90	0	0	3
ASTM D5185m		0	0	<1
ASTM D5185m		0	<1	<1
ASTM D5185m	90	4	19	11
ASTM D5185m	2	0	0	1
ASTM D5185m		1	<1	2
ASTM D5185m		13	28	38
ASTM D5185m		21113	22291	14912
method	limit/base	current	history1	history2
ASTM D5185m	>25	0	<1	<1
ASTM D5185m		3	17	18
ASTM D5185m	>20	<1	6	2
ASTM D6304		0.005	0.012	▲ 0.066
ASTM D6304	>500	52	122.6	▲ 660
method	limit/base	current	history1	history2
ASTM D7647		19254	2886	1653
ASTM D7647	>1300	<u> </u>	1158	900
ASTM D7647		▲ 403	86	153
ASTM D7647		▲ 128	17	51
ASTM D7647		▲ 12	0	7
ASTM D7647		0	0	0
ISO 4406 (c)	>/17/13	▲ 21/19/16	9 19/17/14	17/14
			historid	history
				history2 0.154
	method STM D8045	method limit/base		

Report Id: DUCWAG [WUSCAR] 06196670 (Generated: 06/04/2024 07:56:03) Rev: 1

0.28 0.20 0.154 Contact/Location: C. PENDLETON - DUCWAG

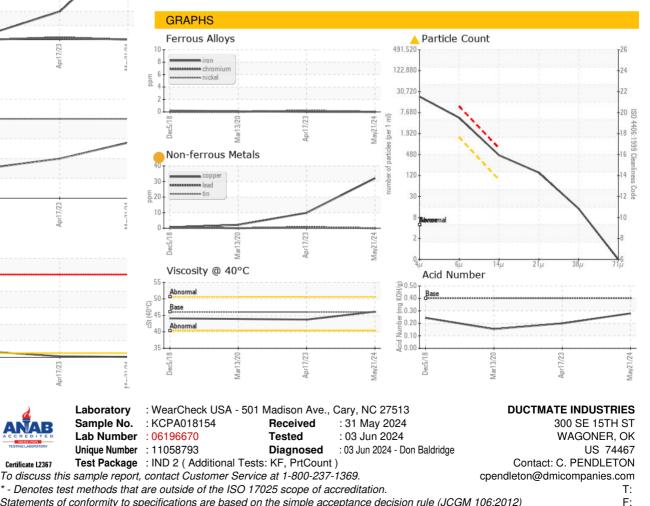


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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	VLITE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	- HAZY
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	0.2%
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	46.1	43.7	43.9
SAMPLE IMAGES	6	method	limit/base	current	history1	history2
Color						
Pottom						

Bottom



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

Certificate 12367

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