

OIL ANALYSIS REPORT

Sample Rating Trend ISO SAMPLE INFORMATION method

historv1

historv2

current

Machine Id

KAESER SM 10 4863668 (S/N 1021)

Component Compressor Fluid

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

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

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		KCPA020042	KCP44045	KCP30856
Sample Date		Client Info		01 Jul 2024	25 Jul 2022	15 Jan 2021
Machine Age	hrs	Client Info		55238	43431	32281
Oil Age	hrs	Client Info		3000	3000	11000
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	ATTENTION	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	0	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	<1
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	<1
Aluminum	ppm	ASTM D5185m	>10	0	0	0
Lead	ppm	ASTM D5185m	>10	0	0	<1
Copper	ppm	ASTM D5185m	>50	6	15	17
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	<1
Barium	ppm	ASTM D5185m	90	0	1	<1
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m	100	0	0	2
Calcium	ppm	ASTM D5185m	0	0	0	<1
Phosphorus	ppm	ASTM D5185m	0	0	0	6
Zinc	ppm	ASTM D5185m	0	6	13	4
Sulfur	ppm	ASTM D5185m	23500	21622	18823	17891
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	0	<1
Sodium	ppm	ASTM D5185m		4	1	<1
Potassium	ppm	ASTM D5185m	>20	1	0	<1
Water	%	ASTM D6304		0.007	0.011	0.004
ppm Water	ppm	ASTM D6304	>500	71	118.9	44.9
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		18726	6631	16959
Particles >6µm		ASTM D7647	>1300	<u> </u>	<u> </u>	▲ 7840
Particles >14µm		ASTM D7647	>80	430	06	<u> </u>
Particles >21µm		ASTM D7647	>20	<u> </u>	<u> </u>	4 09
Particles >38µm		ASTM D7647	>4	4	3	1 9
Particles >71µm		ASTM D7647	>3	0	0	2
Oil Cleanliness		ISO 4406 (c)	>/17/13	A 21/20/16	20/18/14	2 0/18
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN) :11:59) Rev: 1	mg KOH/g	ASTM D8045		0.35 /Location: SERV	0.40 /ICE MANAGEF	0.336 R ? - TRIBUCK
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limit/base

Report Id: TRIBUCKY [WUSCAR] 06235999 (Generated: 07/17/2024 11:11:59) Rev: 1



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Water

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600 Water (

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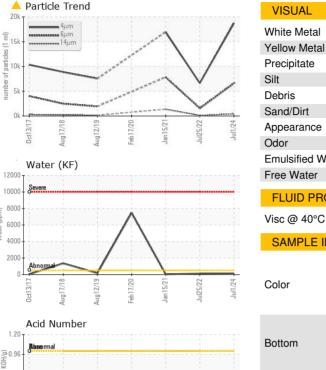
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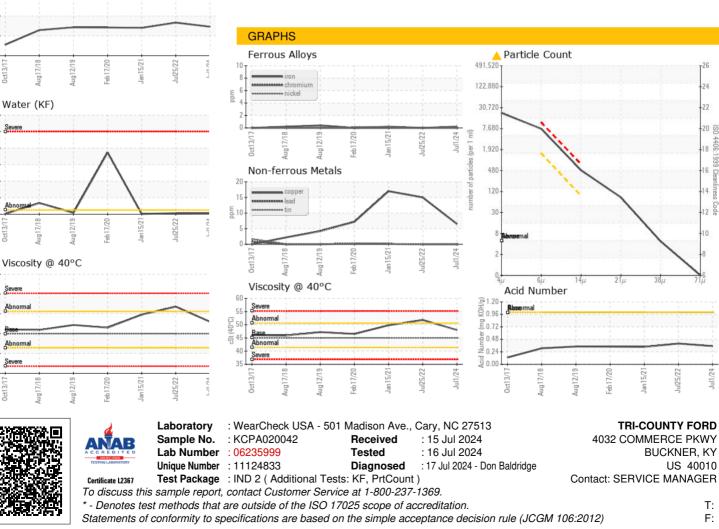
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OIL ANALYSIS REPORT







Contact/Location: SERVICE MANAGER ? - TRIBUCKY