

OIL ANALYSIS REPORT

Sample Rating Trend



KAESER SK15 5927552 (S/N 1044)

Compressor

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

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

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

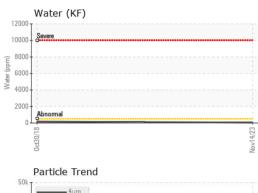
			0ct2018	Nov2023		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA007461	KCP13047	
Sample Date		Client Info		14 Nov 2023	30 Oct 2018	
Machine Age	hrs	Client Info		16725	2097	
Oil Age	hrs	Client Info		0	2097	
Oil Changed		Client Info		N/A	Changed	
Sample Status				NORMAL	ABNORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	<1	
Chromium	ppm	ASTM D5185m	>10	0	0	
Nickel	ppm	ASTM D5185m	>3	0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m	>2	0	0	
Aluminum		ASTM D5185m		0	<1	
Lead	ppm	ASTM D5185m	>10	0	<1	
	ppm	ASTM D5185m		5	<1	
Copper	ppm			-	<1	
Tin	ppm	ASTM D5185m	>10	0		
Antimony	ppm	ASTM D5185m			0	
Vanadium	ppm	ASTM D5185m		<1	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<1	0	
Barium	ppm	ASTM D5185m	90	0	49	
Molybdenum	ppm	ASTM D5185m	0	0	0	
Manganese	ppm	ASTM D5185m		<1	<1	
Magnesium	ppm	ASTM D5185m	100	4	68	
Calcium	ppm	ASTM D5185m	0	55	2	
Phosphorus	ppm	ASTM D5185m	0	13	<1	
Zinc	ppm	ASTM D5185m	0	23	3	
Sulfur	ppm	ASTM D5185m	23500	19720	20228	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon		ASTM D5185m	>25	<1	<1	
Sodium	ppm		>20			
	ppm	ASTM D5185m	. 00	<1	16	
Potassium	ppm	ASTM D5185m		<1	2	
Water	%	ASTM D6304		0.004	0.017	
ppm Water	ppm	ASTM D6304	>500	49.0	170	
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		1756	45126	
Particles >6µm		AOTH DEG (E	. 1000	538	<u> </u>	
Particles >14µm		ASTM D7647	>1300	550		
r articles >1+µm		ASTM D7647 ASTM D7647	>80	28	▲ 736	
Particles >21µm			>80			
		ASTM D7647	>80	28	A 736	
Particles >21µm		ASTM D7647 ASTM D7647	>80 >20 >4	28 6	▲ 736 17	
Particles >21µm Particles >38µm		ASTM D7647 ASTM D7647 ASTM D7647	>80 >20 >4	28 6 1	▲ 736 17 0	
Particles >21µm Particles >38µm Particles >71µm		ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	>80 >20 >4 >3	28 6 1 0	736 17 0 0	
Particles >21µm Particles >38µm Particles >71µm Oil Cleanliness	TION mg KOH/g	ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ISO 4406 (c)	>80 >20 >4 >3 >17/13	28 6 1 0 16/12	 736 17 0 0 22/17 	

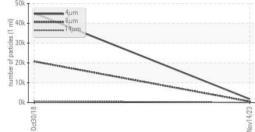
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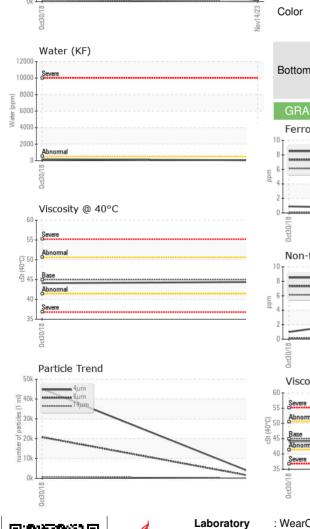
Contact/Location: Service Manager - XCEMEE

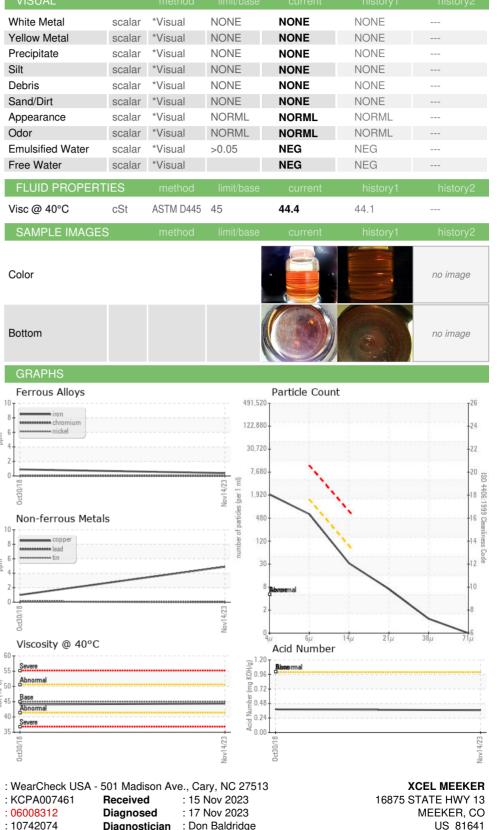


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To discuss this sample report, contact Customer Service at 1-800-237-1369.

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

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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

Certificate L2367

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Sample No.

Lab Number

Unique Number

Contact/Location: Service Manager - XCEMEE