

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

KAESER SK 20T 9216301 (S/N 1624)

Component Compressor

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

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DIA	~~	NI	

Recommendation

Resample at the next service interval to monitor.

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.

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CAMPLE INFORM	AATIONI		11 11 11		11.	1::
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA017040		
Sample Date		Client Info		03 May 2024		
Machine Age	hrs	Client Info		1816		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>3	0		
Titanium	ppm	ASTM D5185m	>3	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>10	0		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>50	4		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVEO	1-1-		11 11 11		11.	1::
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m	90	28		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	90	40		
Calcium	ppm	ASTM D5185m	2	<1		
Phosphorus	ppm	ASTM D5185m		0		
Zinc	ppm	ASTM D5185m		12		
Sulfur	ppm	ASTM D5185m		20930		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0		
Sodium	ppm	ASTM D5185m		10		
Potassium	ppm	ASTM D5185m	>20	5		
Water	%	ASTM D6304	>0.05	0.011		
ppm Water	ppm	ASTM D6304	>500	112		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647		3052		
Particles >6µm		ASTM D7647	>1300	896		
Particles >14µm		ASTM D7647	>80	49		
Particles >21µm		ASTM D7647	>20	10		
Particles >38μm		ASTM D7647	>4	0		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>/17/13	19/17/13		
FLUID DEGRADA	TION _	method	limit/base	current	history1	history2

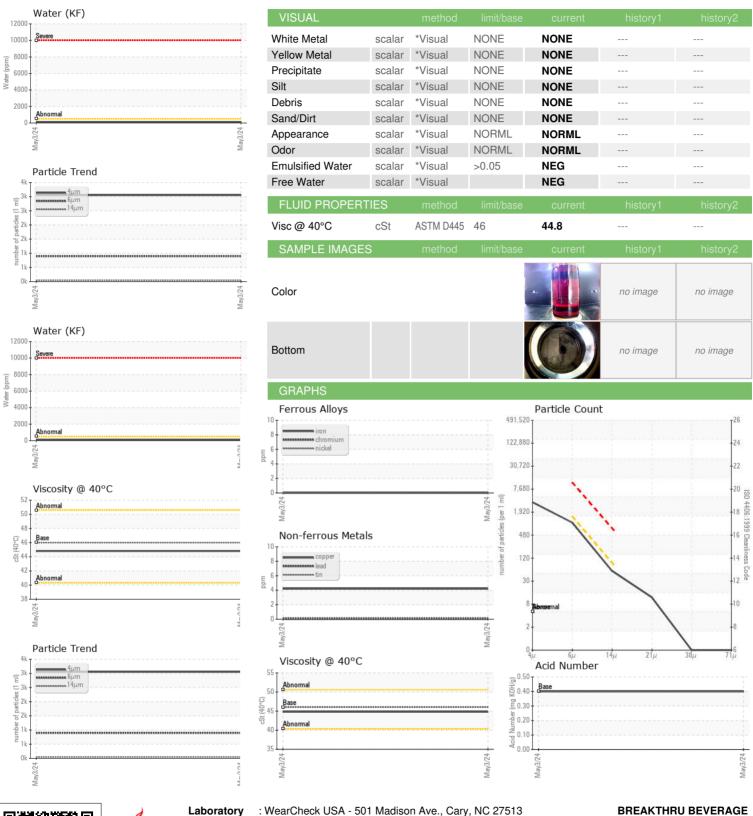
Acid Number (AN)

mg KOH/g ASTM D8045 0.4

0.40



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

: KCPA017040 Lab Number : 06174632 Unique Number : 11020685

Received : 09 May 2024 **Tested**

: 13 May 2024 Diagnosed : 13 May 2024 - Don Baldridge

Test Package : IND 2 (Additional Tests: KF, PrtCount) To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - 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)

Report Id: BREMID [WUSCAR] 06174632 (Generated: 05/13/2024 14:00:30) Rev: 1

US 21220

T:

F:

1413 TANGIER DR

MIDDLE RIVER, MD

Contact: Service Manager