

## **OIL ANALYSIS REPORT**

Sample Rating Trend

**NORMAL** 



Machine Id

# KAESER SK 20T 8821328 (S/N 1555)

Compressor

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

#### Recommendation

No corrective action is recommended at this time. The 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 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.

				May2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KC123056		
Sample Date		Client Info		24 May 2024		
Machine Age	hrs	Client Info		2242		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
ron	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		
_ead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>50	8		
Γin	ppm	ASTM D5185m	>10	0		
/anadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m	90	<1		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	90	27		
Calcium	ppm	ASTM D5185m	2	0		
Phosphorus	ppm	ASTM D5185m		0		
Zinc	ppm	ASTM D5185m		1		
CONTAMINANTS	S	method	limit/base	current	history1	history2
			0.5			
Silicon	ppm	ASTM D5185m	>25	0		
	ppm ppm	ASTM D5185m ASTM D5185m	>25	0 9		
Sodium			>25			
Sodium Potassium	ppm	ASTM D5185m		9		
Sodium Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m	>20	9 6		
Sodium Potassium Water	ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D6304	>20 >0.05	9 6 0.012		
Sodium Potassium Water ppm Water FLUID CLEANLIN	ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304	>20 >0.05 >500	9 6 0.012 125		
Sodium Potassium Water Opm Water FLUID CLEANLIN Particles >4µm	ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 method	>20 >0.05 >500	9 6 0.012 125 current	   history1	   history2
Sodium Potassium Water opm Water FLUID CLEANLIN Particles >4µm Particles >6µm	ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 method ASTM D7647	>20 >0.05 >500 limit/base	9 6 0.012 125 current 2545	  history1	  history2
Sodium Potassium Water opm Water FLUID CLEANLIN Particles >4µm Particles >6µm Particles >14µm	ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 method ASTM D7647 ASTM D7647	>20 >0.05 >500 limit/base	9 6 0.012 125 current 2545 999	  history1	history2
Sodium Potassium Water ppm Water FLUID CLEANLIN Particles >4µm Particles >14µm Particles >14µm Particles >21µm	ppm ppm % ppm	ASTM D5185m ASTM D6304 ASTM D6304 ASTM D6304 method ASTM D7647 ASTM D7647 ASTM D7647	>20 >0.05 >500 limit/base >1300 >80	9 6 0.012 125 current 2545 999 40	  history1	  history2
Sodium Potassium Water ppm Water FLUID CLEANLIN Particles >4µm Particles >14µm Particles >21µm Particles >38µm	ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 method ASTM D7647 ASTM D7647 ASTM D7647	>20 >0.05 >500 limit/base >1300 >80 >20	9 6 0.012 125 current 2545 999 40 5	  history1	  history2
Silicon Sodium Potassium Water opm Water FLUID CLEANLIN Particles >4µm Particles >14µm Particles >21µm Particles >38µm Particles >71µm Oil Cleanliness	ppm ppm % ppm	ASTM D5185m ASTM D5185m ASTM D6304 ASTM D6304 method ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	>20 >0.05 >500 limit/base >1300 >80 >20 >4	9 6 0.012 125 current 2545 999 40 5	  history1	  history2

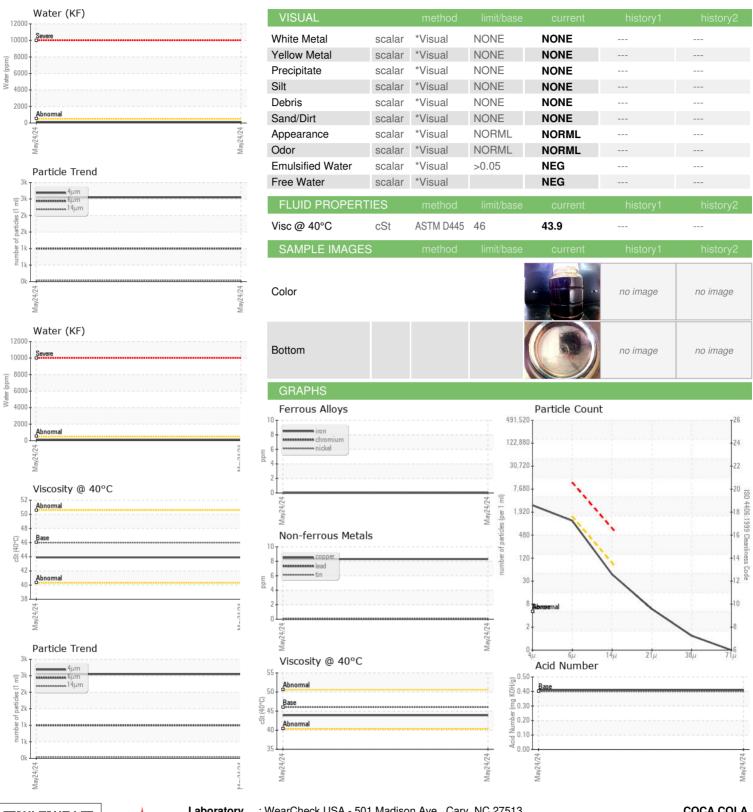
Acid Number (AN)

mg KOH/g ASTM D8045 0.4

0.41



# **OIL ANALYSIS REPORT**





Certificate 12367

Sample No.

Laboratory : KC123056 Lab Number : 06219701 Unique Number : 11097898 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 25 Jun 2024 **Tested** : 26 Jun 2024

Diagnosed : 26 Jun 2024 - Doug Bogart

**COCA COLA** 2150 INDUSTRIAL DR BETHLEHEM, PA US 18017 Contact:

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)

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