

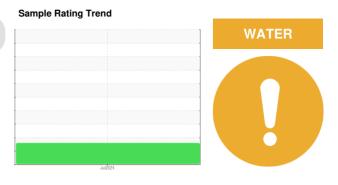
# **OIL ANALYSIS REPORT**

Area **S-460** 

# KAESER 8751412 - AMAZON (S/N 1616)

Component Compressor

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



### Recommendation

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 light concentration of water present in the

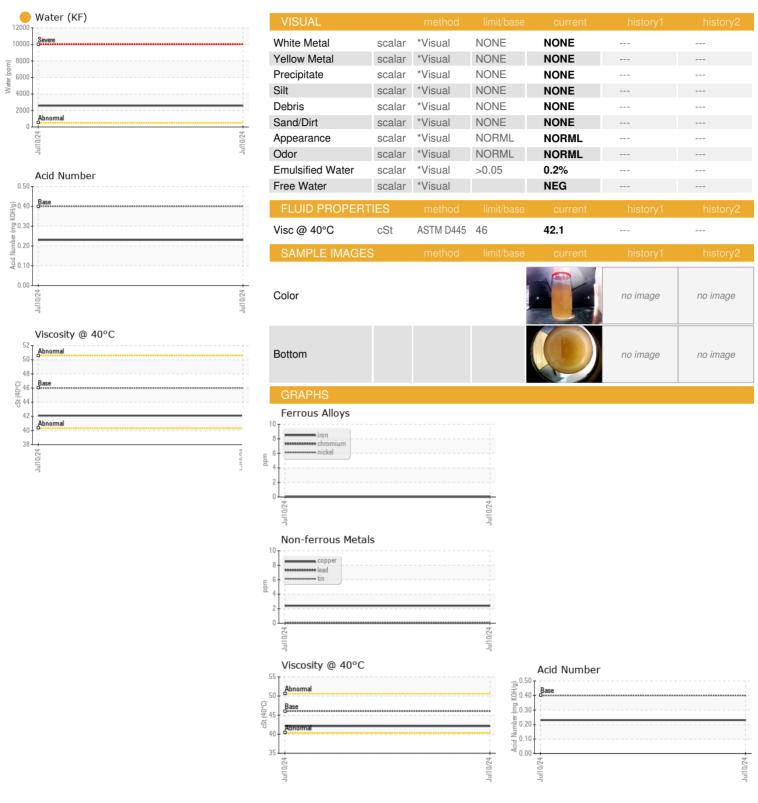
#### **Fluid Condition**

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0924358		
Sample Date		Client Info		10 Jul 2024		
Machine Age	hrs	Client Info		636		
Oil Age	hrs	Client Info		636		
Oil Changed		Client Info		Changed		
Sample Status				ATTENTION		
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	2		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	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	2		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	90	21		
Calcium	ppm	ASTM D5185m	2	<1		
Phosphorus	ppm	ASTM D5185m		3		
Zinc	ppm	ASTM D5185m		16		
Sulfur	ppm	ASTM D5185m		19446		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		6		
Potassium	ppm	ASTM D5185m	>20	7		
Water	%	ASTM D6304	>0.05	0.258		
Water ppm Water	% ppm	ASTM D6304 ASTM D6304	>0.05 >500	<ul><li>0.258</li><li>2580</li></ul>		
	ppm					



# **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

Lab Number : 06236174

: WC0924358

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested** 

: 15 Jul 2024 : 16 Jul 2024 Diagnosed : 17 Jul 2024 - Don Baldridge

Unique Number : 11125008 Test Package : IND 2 ( Additional Tests: KF ) 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.

**DELTA INDUSTRIES - CEDAR RAPIDS** 

6540 4TH ST SW UNIT A CEDAR RAPIDS, IA US 52404

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