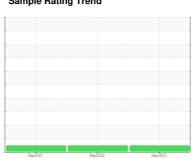


# **OIL ANALYSIS REPORT**

Sample Rating Trend



**NORMAL** 



# 7866677 (S/N 1159)

Component

Compressor

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

## 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.

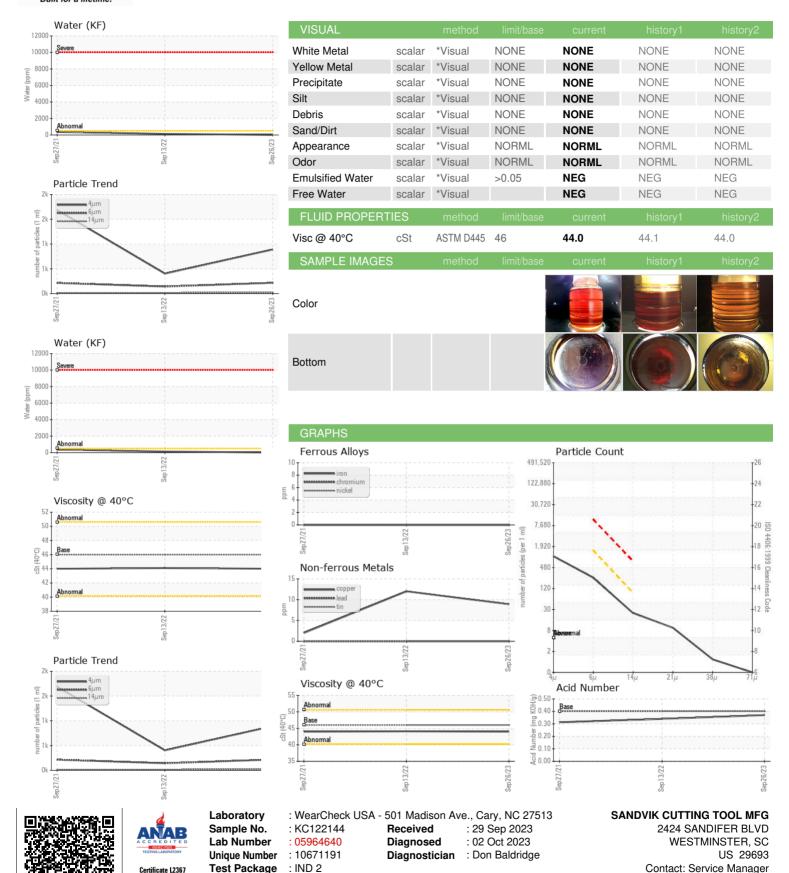
## **Fluid Condition**

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

\$ <sub>99</sub> 2021 \$ <sub>99</sub> 2022 \$ <sub>99</sub> 2023						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KC122144	KC103103	KC97978
Sample Date		Client Info		26 Sep 2023	13 Sep 2022	27 Sep 2021
Machine Age	hrs	Client Info		12071	6427	1078
Oil Age	hrs	Client Info		0	5349	1078
Oil Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	<1	0
Aluminum	ppm	ASTM D5185m	>10	0	0	3
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>50	9	12	2
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	<1
Barium	ppm	ASTM D5185m	90	0	0	33
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	90	2	0	78
Calcium	ppm	ASTM D5185m	2	2	0	2
Phosphorus	ppm	ASTM D5185m		2	3	2
Zinc	ppm	ASTM D5185m		5	4	0
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	0	0
Sodium	ppm	ASTM D5185m		0	0	7
Potassium	ppm	ASTM D5185m	>20	0	0	28
Water	%	ASTM D6304	>0.05	0.002	0.013	0.036
ppm Water	ppm	ASTM D6304	>500	16.3	134.3	360.4
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		890	402	1686
Particles >6µm		ASTM D7647	>1300	216	142	215
Particles >14μm		ASTM D7647	>80	21	17	15
Particles >21µm		ASTM D7647	>20	8	4	2
Particles >38μm		ASTM D7647	>4	1	0	0
Particles >71μm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	17/15/12	16/14/11	15/11
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.37	0.34	0.313



## **OIL ANALYSIS REPORT**



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)

T: F: