

OIL ANALYSIS REPORT

KAESER AS 30 7402398 (S/N 1580) Component

Compressor

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

DIAGNOSIS

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

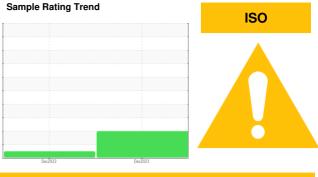
All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

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

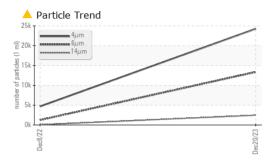


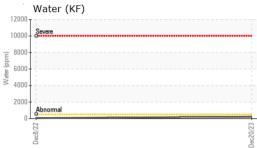
Sample Date Client Info 20 Dec 2023 08 Dec 2022 Machine Age hrs Client Info 7942 6800 Oil Age hrs Client Info 0 6800 Sample Status Client Info N/A Changed WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5165 >50 <1 0 Nickel ppm ASTM D5165 >3 0 0 Irinaium ppm ASTM D5165 >3 0 1 Lead ppm ASTM D5165 >10 2 <1 Lead ppm ASTM D5165 >10 <1 0 Carmium ppm ASTM D5165 >10 <1 0 Mandium ppm ASTM D5165 0 10 Lead <t< th=""><th>SAMPLE INFORM</th><th>IATION</th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>history2</th></t<>	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 7942 6800 Oil Age hrs Client Info 0 6800 Sample Status Client Info N/A NongMAL NongMAL WEAR METALS method limit/base current history1 WEAR METALS method limit/base current history1 Nickel ppm ASTM D5165m >10 0 Nickel ppm ASTM D5165m >2 0 1 Sliver ppm ASTM D5165m >10 <11 0 Copper ppm ASTM D5165m >10 <1 0 Cadmium ppm ASTM D5165m >10 <1 0 ADDITIVES method limi/base current history1 history2 Barium ppm ASTM D5165m 90 78 0 ADDITIVES method limi/base current history1 history2 Barium ppm ASTM D5165m 90 78 0 ADDITIVES method limi/base <td< th=""><th>Sample Number</th><th></th><th>Client Info</th><th></th><th>KCPA011157</th><th>KCP55509</th><th></th></td<>	Sample Number		Client Info		KCPA011157	KCP55509	
Oil Age hrs Client Info N/A Changed Sample Status Client Info N/A Changed WEAR METALS method limil/base current history1 history2 Iron ppm ASTM D5185m >50 <1 0 Nickel ppm ASTM D5185m >3 0 0 Silver ppm ASTM D5185m >3 <1 0 Aluminum ppm ASTM D5185m >10 <1 0 Aluminum ppm ASTM D5185m >10 <1 0 Aluminum ppm ASTM D5185m >10 <1 0 Adationum ppm ASTM D5185m >10 <1 0 Capper ppm ASTM D5185m 0 0 0 Adationum ppm ASTM D5185m 0 <1 0	Sample Date		Client Info		20 Dec 2023	08 Dec 2022	
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Aluminum ppm ASTM D5185m >10 2 <1 Lead ppm ASTM D5185m >10 <1	Titanium	ppm	ASTM D5185m	>3	<1	0	
Lead ppm ASTM D5185m >10 <1 0 Copper ppm ASTM D5185m >50 4 19 Tin ppm ASTM D5185m >10 <1	Silver	ppm	ASTM D5185m	>2	0	1	
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Oil Cleanliness ISO 4406 (c) >/17/13 ▲ 22/21/18 19/17/13 FLUID DEGRADATION method limit/base current history1 history2							
	Oil Cleanliness						
	FLUID DEGRADA		method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.31	0.33	

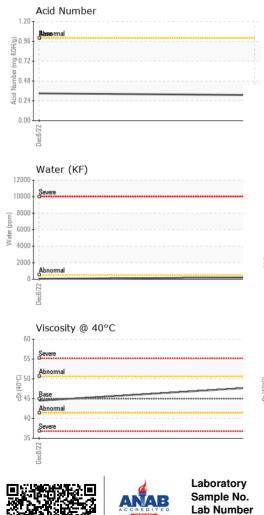


Built for a lifetime.

OIL ANALYSIS REPORT





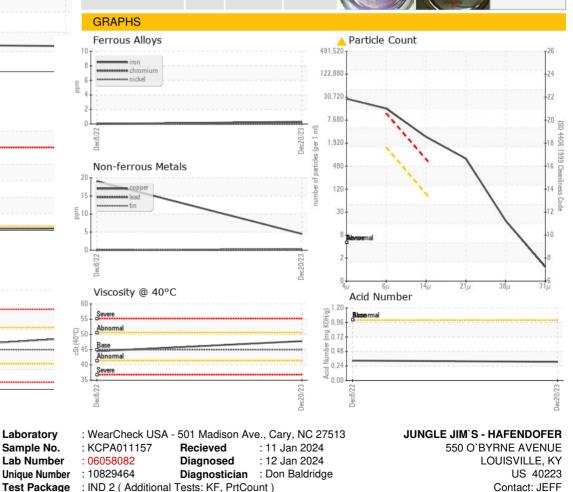


VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Precipitate	scalar	*Visual	NONE	NONE	NONE	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	
Free Water	scalar	*Visual		NEG	NEG	
FLUID PROPER	TIES	method	limit/base	current	history1	history2
						mstoryz
Visc @ 40°C	cSt	ASTM D445	45	47.8	44.5	
SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Color				•		no image
Bottom						no image
GRAPHS						
Ferrous Alloys				Particle Coun	t	
			491,520	¹		1 ²⁶
8 - inon 6 - inon 6 - inon			122,880	-		-24
6 Internet in the second secon			20.70			
2			30,72			-22



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)



Certificate L2367

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T:

F: