

OIL ANALYSIS REPORT

Sample Rating Trend

ISO

KAESER 1397098

Compressor

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

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. 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

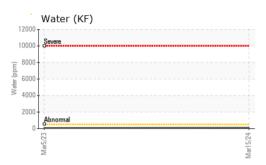
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

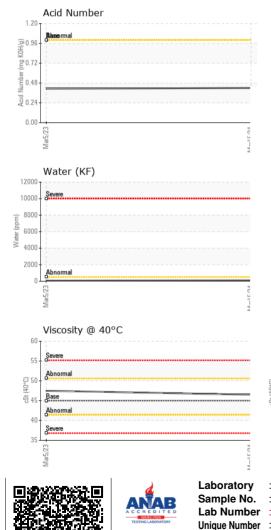
Sample Number Client Info KCPA014984 KCP55434 Sample Date is Mar 2024 05 Mar 2023 Machine Age hrs Client Info 9024 6452 Oil Age hrs Client Info 0 2000 Oil Age hrs Client Info 0 2000 Sample Status Image Current Mathon MALL ABNORMAL WEAR METALS method Imit/base current history history Nickel ppm ASTM 05185m >10 0 Auminum ppm ASTM 05185m >10 0 Auminum ppm ASTM 05185m >10 0 Vanadum ppm ASTM 05185m >10 0 Auminum ppm ASTM 05185m >10 0 Vanadum ppm				Mar2023	Mar2024		
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Sample Status Image ABNORMAL ABNORMAL	Oil Age	hrs	Client Info		0	2000	
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Particles >38μm ASTM D7647 >4 11 2 Particles >71μm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) >/17/13 22/20/17 24/22/17 FLUID DEGRADATION method limit/base current history1 history	•		ASTM D7647	>20	<u> </u>	<u> </u>	
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	-						
	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.42	0.41	



Built for a lifetime."

🔺 Particle Trend 100k Ē 80 400 Cles 60 40 20 0 Mar5/23 Mar15/24





OIL ANALYSIS REPORT

		method	limit/base	current	history1	histor
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	LIGHT	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
	scalar	*Visual	NORML	NORML	NORML	
	scalar	*Visual	>0.05	NEG	NEG	
	scalar	*Visual		NEG	NEG	
FLUID PROPERTIE		method	limit/bass			histo
			limit/base	current	history1	histo
	cSt	ASTM D445	45	46.5	47.5	
SAMPLE IMAGES		method	limit/base	current	history1	histo
Oslar						
Color						no ima
Bottom						no ima
GRAPHS						
Ferrous Alloys				Particle Coun	t	
10			491,520	I		
essesses chromium			122,880	+		
E 6-						
2			30,720			
			7,680			
e e			5/24			
Marc			Mar15/24. s (per 1 ml)	†		
Non-ferrous Metals			-10 11 480			
¹⁰			480 handles (ber 1 ml)			
8 - copper				Ť	` \	
E 6			30	-	`	
T.						1
2			8	Seven emal		/
2/23 0			2/24			
Mar5/23			7 Mar15/24			
Viscosity @ 40°C			≥ 0 4	Acid Number	14μ 21μ	38µ
60 55 Severe			[€] 1.20	Basermal		
			ý 0.96	- 9		
2 50 - Abnormal 3 45 - Base			(b)HO() 0.96 (b)HO() 0.96 (b) 0.72 (c)	•		
Abnormal			4 0.48			
40 - Severe			- po 0.24	1		
35			with the second s			
Mar5/23			Mar15/2	Mar5/23		
			×	_		
2						
	Madiso	n Ave Carv	. NC 27513		PENSKE TR	
 WearCheck USA - 501 KCPA014984 	Madiso Recei		, NC 27513 Mar 2024		-	JCK LEAS

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

Contact/Location: Service Manager - PENSOUCA

T:

F: