

OIL ANALYSIS REPORT

Sample Rating Trend

ISO

Machine Id 4602876 (S/N 1187) Component

Compressor Fluid

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

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. 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 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 KCPA014926 KCPA012432 CPA014926 r Sample Date in Client Info 27 Mar 2024 06 Jun 2023 Machine Age hrs Client Info 0 0 Oil Ape hrs Client Info 0 0 Sample Status Image Current Mstory1 Nistory1 Nistory1 VEAR METALS method imil/base current Mstory1 Nistory1 Nickel ppm ASTM D5185m >50 <1 1 Nickel ppm ASTM D5185m >10 0 0 Auminum ppm ASTM D5185m >10 0 0 Auminum ppm ASTM D5185m >10 0 0 Vanadium ppm ASTM D5185m >10 0 Auminum ppm ASTM D5185m 0 0 <t< th=""><th></th><th></th><th></th><th>Jun2023</th><th>Mar2024</th><th></th><th></th></t<>				Jun2023	Mar2024		
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Oil Cleanliness ISO 4406 (c) >/17/13 ▲ 21/18/15 FLUID DEGRADATION method limit/base current history1 history1							
FLUID DEGRADATION method limit/base current history1 history							
· · · · · · · · · · · · · · · · · · ·			method	limit/base	current	history1	history2
ACIO NUMBER (AIN) Mg KUHIG ASIM D8045 1.0 U.40 0.43							historyz
	Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.40	0.43	

Contact/Location: TYLER ? - STGSAN



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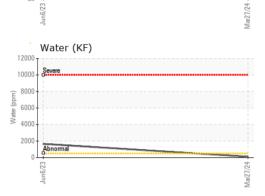
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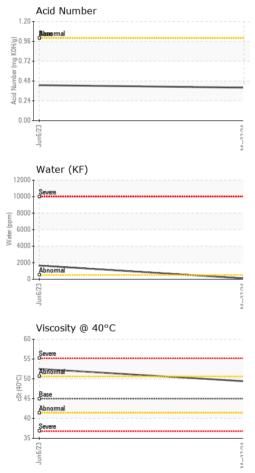
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Built for a lifetime."

🔺 Particle Trend 12k 6μm 8k 6k





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	A HEAVY	
	Debris	scalar	*Visual	NONE	NONE	NONE	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
7/24	Appearance	scalar	*Visual	NORML	NORML	MILKY	
Mar27/24	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water	scalar	*Visual	>0.05	NEG	▲ 0.2%	
	Free Water	scalar	*Visual		NEG	1 .0	
	FLUID PROPER	TIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445	45	49.4	52.5	
	SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Mar27/24	Color						no image
	Bottom						no image
	GRAPHS						
	Ferrous Alloys				Particle Coun	t	
	10 iron			491,520			ľ
Y.C.	6 - 6 - nickel			122,880			-2
160-1				30,720			
4	2-	Sector Se					
	0			7,680	~ `.		-1
	Jun6/23			Mar27/24 (per 1 m)			1
	ηΓ			Mar les (pe	1	N .	
	Non-ferrous Meta	als		pitred 480		<hr/>	
	15 copper			Mar27/24 Mar27/24 100 100 100 100 100 100 100 100 100 100			
	10-						
				30	-		-1
×	5			8	Sermemal		
.61.60	0						
M4.	Jun6/23			Mar27/24			
	μη			U War		1	
	Viscosity @ 40°C			4	^{µ 6µ} Acid Number	14µ 21µ	36µ 71j
	60 Severe			_€ 1.20	Basermal		
	33			(1.20) (1			
	÷ 50 -			٥.72 E			
*****	Apholina			- 0.48			
	40 Severe			2 0.24	1		
	35			0.00	723		
N C1 C0	Jun6/23			Mar27/24	Jun6/23		
				NO 07540			
		U I Madisc		, NG 27513		ę	STG MACHI
Laboratory Sample No.	: WearCheck USA - 5 : KCPA014926	Rece	ived : 29) Mar 2024		4	481 GIANNI
	: KCPA014926) Mar 2024 Apr 2024			481 GIANNI TA CLARA, (
Sample No. Lab Number Unique Number	: KCPA014926 : <mark>06134031</mark>	Rece Teste Diagi	ed : 01 nosed : 03		Baldridge	SAN	

* - 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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