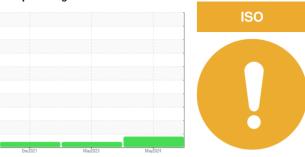


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

3212026 (S/N 1279)

Compressor

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

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 moderate amount of silt (particulates < 14 microns in size) present in the oil.

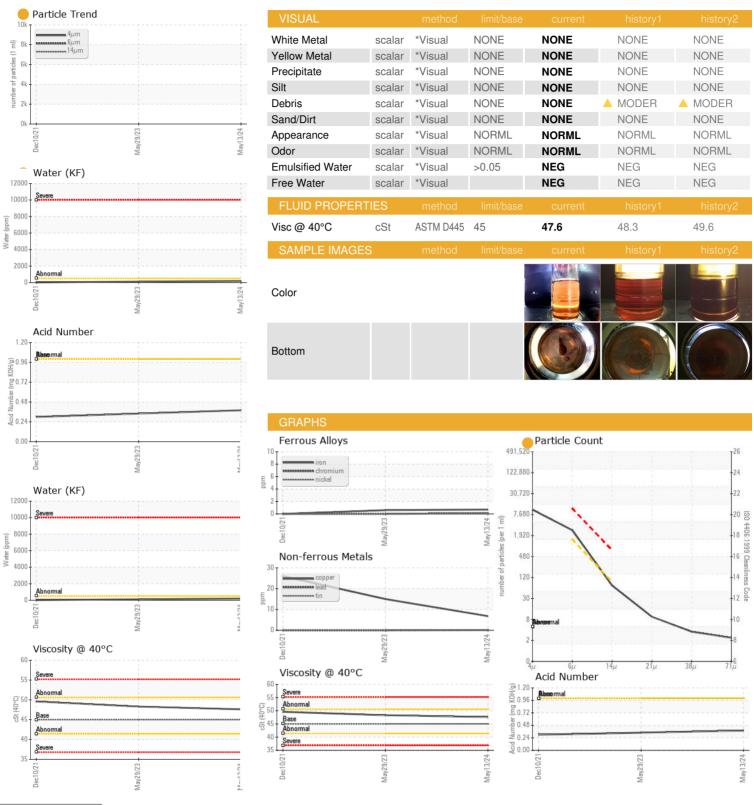
Fluid Condition

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

		De	2021	May2023 May202	4	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA017300	KCPA004204	KCP43844
Sample Date		Client Info		13 May 2024	29 May 2023	10 Dec 2021
Machine Age	hrs	Client Info		34726	32574	29268
Oil Age	hrs	Client Info		2152	0	3000
Oil Changed		Client Info		Changed	N/A	Changed
Sample Status				ATTENTION	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	<1	0
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	<1	0	<1
Aluminum	ppm	ASTM D5185m	>10	<1	0	0
Lead	ppm	ASTM D5185m	>10	<1	0	0
Copper	ppm	ASTM D5185m	>50	7	15	26
Tin	ppm	ASTM D5185m	>10	0	0	0
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	<1
Barium	ppm	ASTM D5185m	90	0	0	1
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m	100	32	17	<1
Calcium	ppm	ASTM D5185m	0	0	0	0
Phosphorus	ppm	ASTM D5185m	0	0	2	2
Zinc	ppm	ASTM D5185m	0	<1	8	<1
Sulfur	ppm	ASTM D5185m	23500	23308	22389	13067
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	0	1
Sodium	ppm	ASTM D5185m		9	3	<1
Potassium	ppm	ASTM D5185m	>20	1	<1	0
Water	%	ASTM D6304	>0.05	0.021	0.011	0.003
ppm Water	ppm	ASTM D6304	>500	210	116.1	26.7
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		9211		
Particles >6µm		ASTM D7647		2395		
Particles >14μm		ASTM D7647	>80	63		
Particles >21µm		ASTM D7647	>20	8		
Particles >38µm		ASTM D7647	>4	3		
Particles >71µm		ASTM D7647	>3	2		
Oil Cleanliness		ISO 4406 (c)	>/17/13	20/18/13		
FLUID DEGRADA	TION					



OIL ANALYSIS REPORT







Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : KCPA017300 Lab Number : 06182004 Unique Number : 11033330

Received : 16 May 2024 **Tested**

: 20 May 2024 Diagnosed : 20 May 2024 - Don Baldridge

11658 E LUCKY POINT RD WHEATLAND, IN US 47597

CYPRESS SPRINGS ENTERPRISES

Contact: Service Manager

Test Package : IND 2 (Additional Tests: KF, PrtCount) Certificate 12367 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:

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