

PROBLEM SUMMARY

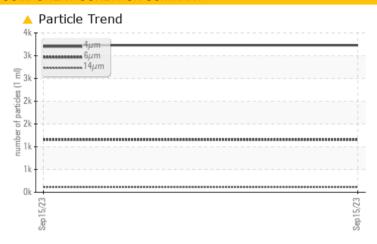
Area [000831] 8103882 (S/N 1153)

Compressor

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

Sample Rating Trend ISO

COMPONENT CONDITION SUMMARY



RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS								
Sample Status			ATTENTION					
Particles >14µm	ASTM D7647	>80	<u> </u>					
Particles >21µm	ASTM D7647	>20	^ 30					
Oil Cleanliness	ISO 4406 (c)	>/17/13	19/17/14					

Customer Id: MILHAYKC Sample No.: KCP40028 Lab Number: 05960632 Test Package: IND 2

To manage this report scan the QR code

To discuss the diagnosis or test data: Angela Borella +1 800-237-1369 angela.borella@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS						
Action	Status	Date	Done By	Description		
Change Fluid			?	Oil and filter change at the time of sampling has been noted.		
Change Filter			?	Oil and filter change at the time of sampling has been noted.		

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Area [000831] 8103882 (S/N 1153)

Compressor

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

Sample Rating Trend ISO

DIAGNOSIS

Recommendation

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 moderate amount of particulates present in the oil.

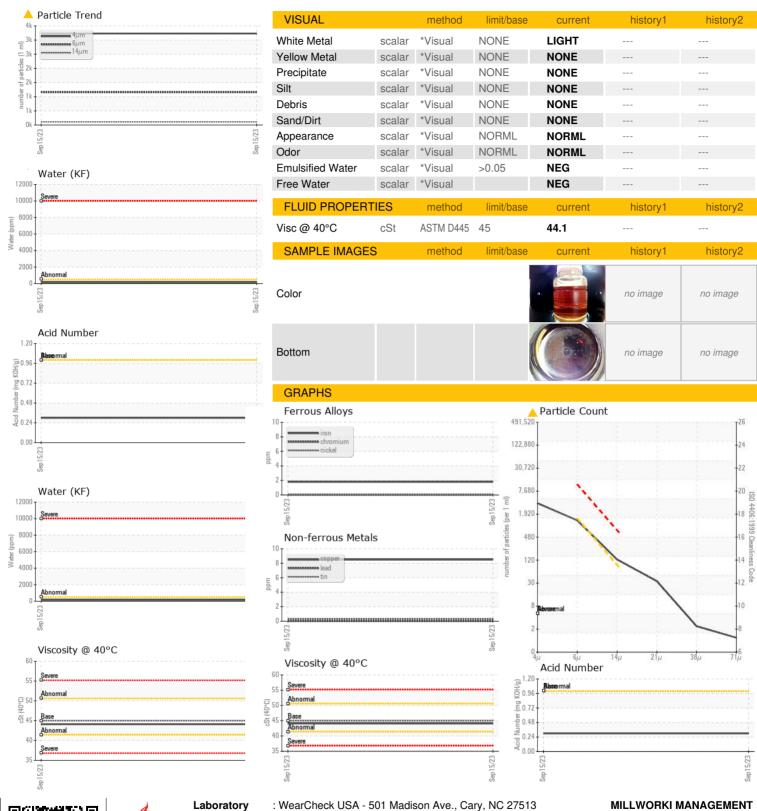
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

SAMPLE INFORM	AATION	m other al		Sep2023	hintowy.	history O
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCP40028		
Sample Date		Client Info		15 Sep 2023		
Machine Age	hrs	Client Info		3849		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				ATTENTION		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	2		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>3	0		
Titanium	ppm	ASTM D5185m	>3	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>10	0		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>50	8		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0		
Barium	ppm	ASTM D5185m	90	2		
Molybdenum	ppm	ASTM D5185m	0	<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	100	49		
Calcium	ppm	ASTM D5185m	0	2		
Phosphorus	ppm	ASTM D5185m	0	5		
Zinc	ppm	ASTM D5185m	0	3		
Sulfur	ppm	ASTM D5185m	23500	22151		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m	720	17		
Potassium	ppm	ASTM D5185m	>20	3		
Water	%	ASTM D6304		0.016		
ppm Water	ppm	ASTM D6304	>500	160.1		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		3230		
Particles >6µm		ASTM D7647	>1300	1154		
Particles >14µm		ASTM D7647	>80	<u> 110</u>		
Particles >21µm		ASTM D7647		△ 30		
Particles >38µm		ASTM D7647	>4	2		
Particles >71µm		ASTM D7647		1		
Oil Cleanliness		ISO 4406 (c)	>/17/13	19/17/14		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.30		



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: KCP40028 : 05960632

: 10661845

Received : 25 Sep 2023 Diagnosed : 27 Sep 2023 Diagnostician : Angela Borella

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

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)

1722 SABRE ST HAYWARD, CA

US 94545

Contact: Service Manager