

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 8324973 (S/N 1597) 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 moderate 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.

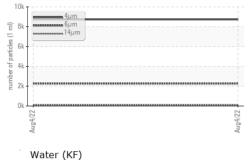
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KC103721		
Sample Date		Client Info		04 Aug 2022		
Machine Age	hrs	Client Info		2255		
Oil Age	hrs	Client Info		2255		
Oil Changed		Client Info		Changed		
Sample Status				ATTENTION		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>3	<1		
Titanium	ppm	ASTM D5185m	>3	0		
Silver	ppm	ASTM D5185m	>2	<1		
Aluminum	ppm	ASTM D5185m	>10	2		
Lead	ppm	ASTM D5185m	>10	- <1		
Copper	ppm	ASTM D5185m		35		
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	<1		
Barium	ppm	ASTM D5185m	90	0		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	100	5		
Calcium	ppm	ASTM D5185m	0	0		
Phosphorus	ppm	ASTM D5185m	0	0		
Zinc	ppm		0	8		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm		>25	<1		
Sodium	ppm	ASTM D5185m	0	3		
Potassium	ppm	ASTM D5185m	>20	<1		
Water	%	ASTM D6304	>0.05	0.00		
ppm Water	ppm	ASTM D6304	>500	0.00		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		8732		
Particles >6µm		ASTM D7647	>1300	▲ 2265		
Particles >14µm		ASTM D7647	>80	100		
Particles >21µm		ASTM D7647		17		
Particles >38µm		ASTM D7647	>4	2		
Particles >71µm		ASTM D7647	>3	1		
Oil Cleanliness		ISO 4406 (c)	>/17/13	20/18/14		
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.32		
	_ 0					



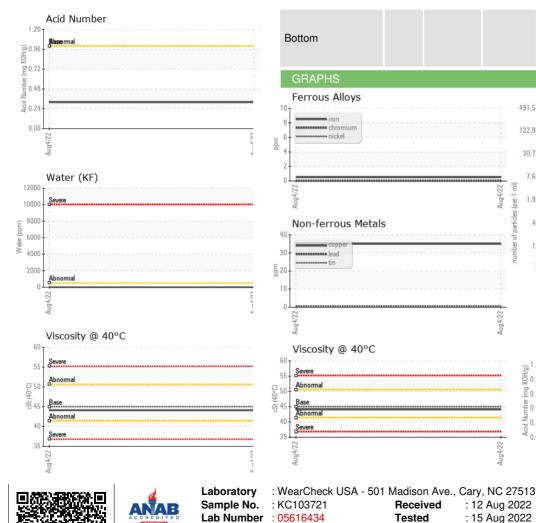
Built for a lifetime

🔺 Particle Trend

OIL ANALYSIS REPORT







41

30

10

60

40

35

Unique Number : 10090928

Test Package : IND 2

Aug4/22

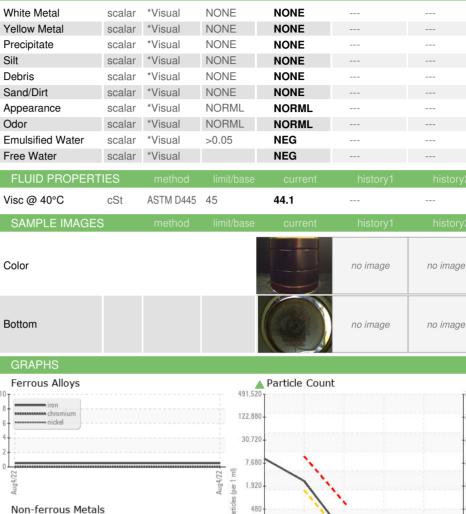
Sev

Abn

Se

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.

Viscosity @ 40°C



120

30

(B/H0) MOX 0.96

Ê 0.72

e 0.48

Acid

: 15 Aug 2022 - Doug Bogart

0.24

0.00

Acid Number

Aug4/22

Aug4/22 -

: 12 Aug 2022

: 15 Aug 2022

Received

Diagnosed

Tested

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)



Certificate L2367

Contact/Location: Service Manager - GUACLE

214

38

GUARANTEED FINISHING

Contact: Service Manager

3200 W 121ST ST

CLEVELAND, OH

US 44111

T:

F:

4406

:1999 Cle

14