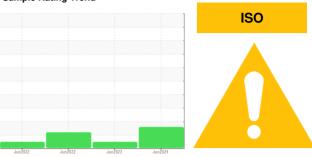


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

7998693 (S/N 1015)

Component Compressor

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

DIAGNOSIS

Recommendation

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

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

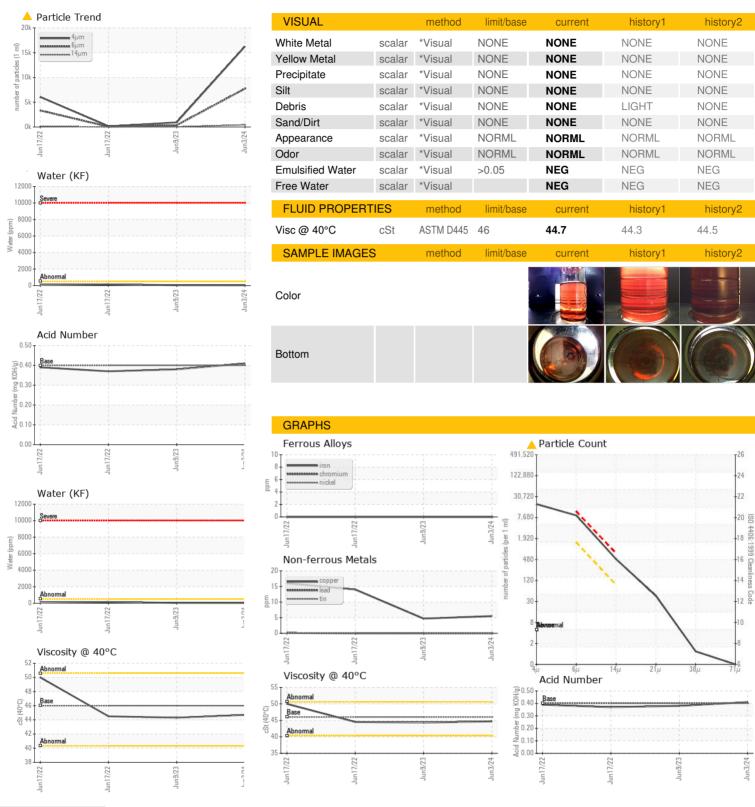
Fluid Condition

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

		Jun202	2 Jun2022	Jun2023 Jun	12024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA017900	KC95940	KC102663
Sample Date		Client Info		03 Jun 2024	09 Jun 2023	17 Jun 2022
Machine Age	hrs	Client Info		21574	12955	4788
Oil Age	hrs	Client Info		0	1	4788
Oil Changed		Client Info		Not Changd	Changed	Changed
Sample Status				ABNORMAL	NORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>10	0	0	0
Lead	ppm	ASTM D5185m	>10	0	0	<1
Copper	ppm	ASTM D5185m	>50	6	5	16
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m	90	1	2	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	90	<1	0	<1
Calcium	ppm	ASTM D5185m	2	0	0	0
Phosphorus	ppm	ASTM D5185m		1	0	<1
Zinc	ppm	ASTM D5185m		0	0	0
Sulfur	ppm	ASTM D5185m		13378	13579	17576
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	2	0	0
Sodium	ppm	ASTM D5185m		<1	0	0
Potassium	ppm	ASTM D5185m	>20	0	<1	<1
Water	%	ASTM D6304	>0.05	0.003	0.004	0.014
ppm Water	ppm	ASTM D6304	>500	36	47.2	144.5
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		16255	936	6074
Particles >6µm		ASTM D7647	>1300	<u></u> 7730	352	△ 3341
Particles >14µm		ASTM D7647	>80	434	24	128
Particles >21µm		ASTM D7647	>20	△ 39	6	8
Particles >38µm		ASTM D7647	>4	1	1	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	<u>^</u> 21/20/16	17/16/12	2 0/19/14
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.41	0.38	0.37



OIL ANALYSIS REPORT







Laboratory Sample No. Lab Number

: 06202054 Unique Number : 11069515

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : KCPA017900

Received : 06 Jun 2024 **Tested** : 11 Jun 2024 Diagnosed

: 11 Jun 2024 - Jonathan Hester

Test Package : IND 2 (Additional Tests: KF, PrtCount) Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

 st - 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)

WESTERN GRINDING SERVICE

2375 DE LA CRUZ BLVD SANTA CLARA, CA US 95050

F:

Page 2 of 2

Contact: ROB BRINDLE rob.brindle@westerngrinding.com

T:

Report Id: WESSANCALI [WUSCAR] 06202054 (Generated: 06/11/2024 12:42:23) Rev: 1