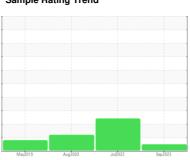


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



KAESER AIR CENTER SM 15 6271305 (S/N 1072)

Component

Compressor

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

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

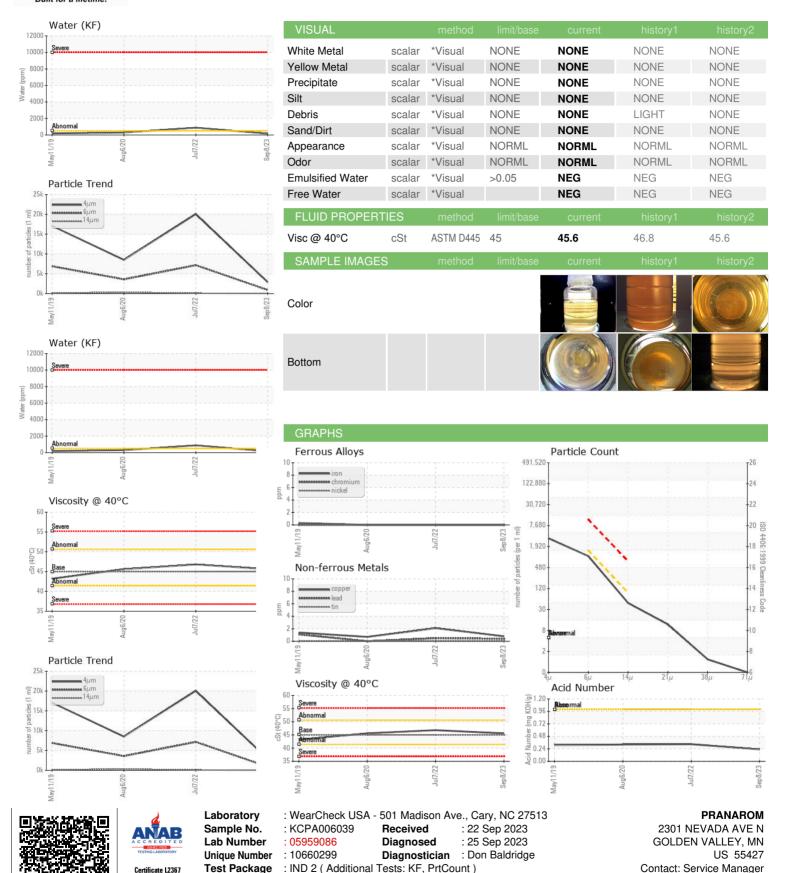
Fluid Condition

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

		May201	9 Aug2020	Jul2022 Se	2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA006039	KCP49652	KCP10368
Sample Date		Client Info		08 Sep 2023	07 Jul 2022	06 Aug 2020
Machine Age	hrs	Client Info		5182	4881	1723
Oil Age	hrs	Client Info		0	3158	1723
Oil Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	ABNORMAL	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	<1
Aluminum	ppm	ASTM D5185m	>10	0	<1	0
Lead	ppm	ASTM D5185m	>10	<1	<1	0
Copper	ppm	ASTM D5185m	>50	<1	2	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Antimony	ppm	ASTM D5185m				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	11
Barium	ppm	ASTM D5185m	90	12	0	2
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m	100	30	49	68
Calcium	ppm	ASTM D5185m	0	<1	0	<1
Phosphorus	ppm	ASTM D5185m	0	1	2	0
Zinc	ppm	ASTM D5185m	0	35	<1	3
Sulfur	ppm	ASTM D5185m	23500	20652	21690	16299
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	1	<1	<1
Sodium	ppm	ASTM D5185m		15	17	16
Potassium	ppm	ASTM D5185m	>20	3	4	<1
Water	%	ASTM D6304	>0.05	0.016	△ 0.088	0.030
ppm Water	ppm	ASTM D6304	>500	160.3	<u>▲</u> 884.6	302.7
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647		2892	20042	8513
Particles >6µm		ASTM D7647	>1300	898	<u>∧</u> 7156	△ 3581
Particles >14μm		ASTM D7647	>80	41	77	<u></u> 314
Particles >21µm		ASTM D7647	>20	10	9	△ 75
Particles >38μm		ASTM D7647	>4	1	1	0
Particles >71µm		ASTM D7647		0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	19/17/13	<u>22/20/13</u>	▲ 19/15
FLUID DEGRADA	TION	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT



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: F: