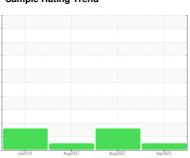


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id KAESER AS 30T 6549369 (S/N 1223)

Compressor

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

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.

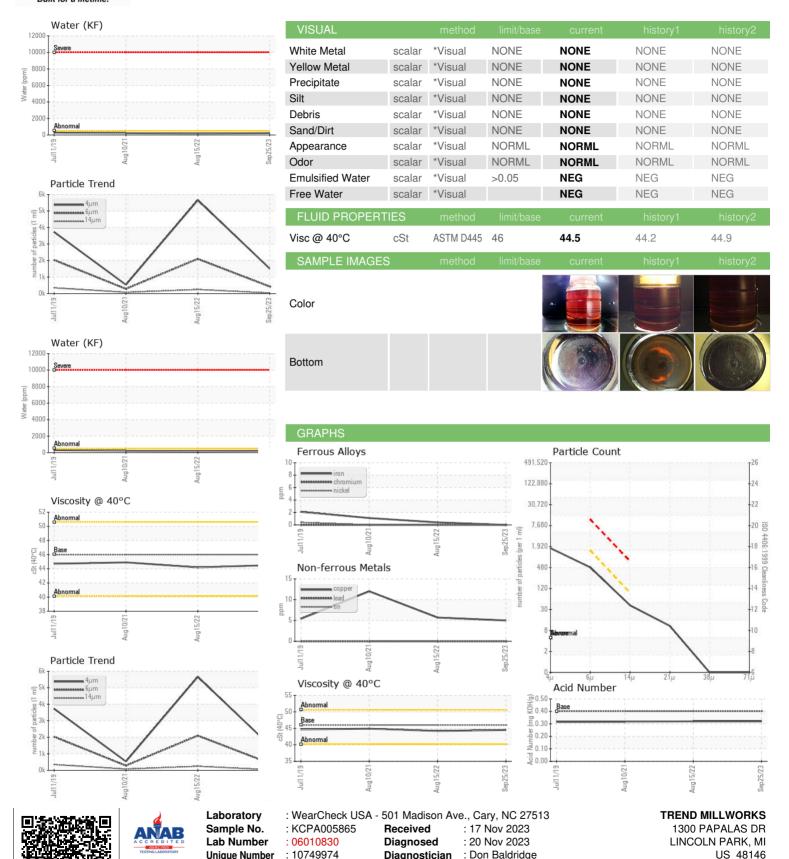
Fluid Condition

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

		Jul2018	Aug2021	Aug ² 022 Se	2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA005865	KC104682	KC93161
Sample Date		Client Info		25 Sep 2023	15 Aug 2022	10 Aug 2021
Machine Age	hrs	Client Info		11263	9053	6975
Oil Age	hrs	Client Info		0	2800	4664
Oil Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	ABNORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	<1	1
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	0	0	0
Copper	ppm	ASTM D5185m	>50	5	6	12
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	<1
Barium	ppm	ASTM D5185m	90	0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m	90	45	43	36
Calcium	ppm	ASTM D5185m	2	0	0	0
Phosphorus	ppm	ASTM D5185m		0	0	3
Zinc	ppm	ASTM D5185m		13	10	4
Sulfur	ppm	ASTM D5185m		17716	21310	15784
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	0	<1
Sodium	ppm	ASTM D5185m		17	20	16
Potassium	ppm	ASTM D5185m	>20	2	3	2
Water	%	ASTM D6304	>0.05	0.022	0.018	0.021
ppm Water	ppm	ASTM D6304	>500	225.6	181.5	218.2
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		1511	5659	535
Particles >6µm		ASTM D7647	>1300	426	2 098	283
Particles >14µm		ASTM D7647	>80	35	<u>4</u> 243	75
Particles >21µm		ASTM D7647	>20	9	△ 36	17
Particles >38µm		ASTM D7647	>4	0	0	1
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	18/16/12	<u>^</u> 20/18/15	15/13
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
A ! A ! (A ! !)	1/01//	10711 00015	0.4			0.04=



OIL ANALYSIS REPORT



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

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

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.

Certificate L2367

T: F:

Contact: Service Manager