

OIL ANALYSIS REPORT

Sample Rating Trend





Machine Id

6888221 (S/N 1530)

Compressor

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

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. 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.

		Aug2020	Jun2021	Feb 2022 Sep 2022	Apr2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA016565	KCP49297	KCP38217
Sample Date		Client Info		19 Apr 2024	12 Sep 2022	03 Feb 2022
Machine Age	hrs	Client Info		19916	11251	7765
Oil Age	hrs	Client Info		4000	1800	2260
Oil Changed		Client Info		Changed	Changed	Not Changd
Sample Status				ATTENTION	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	<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	<1	0
Aluminum	ppm	ASTM D5185m	>10	<1	1	2
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>50	10	22	4
Tin	ppm	ASTM D5185m	>10	0	0	<1
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	<1
Barium	ppm	ASTM D5185m	90	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m	100	<1	0	33
Calcium	ppm	ASTM D5185m	0	0	0	<1
Phosphorus	ppm	ASTM D5185m	0	<1	5	6
Zinc	ppm	ASTM D5185m	0	3	4	21
Sulfur	ppm	ASTM D5185m	23500	20410	18878	16399
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	<1	<1
Sodium	ppm	ASTM D5185m		3	1	16
Potassium	ppm	ASTM D5185m	>20	0	0	6
Water	%	ASTM D6304	>0.05	0.008	0.026	0.023
ppm Water	ppm	ASTM D6304	>500	85	267.5	238.8
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647		4159		7352
Particles >6μm		ASTM D7647		<u> </u>		<u>▲</u> 2718
Particles >14μm		ASTM D7647	>80	153		73
Particles >21µm		ASTM D7647	>20	30		13
Particles >38µm		ASTM D7647	>4	1		0
Particles >71µm		ASTM D7647	>3	0		0
Oil Cleanliness		ISO 4406 (c)	>/17/13	19/18/14		<u> </u>
FLUID DEGRADA	TION	method	limit/base	current	history1	history2

0.52



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Certificate 12367

Laboratory

Sample No. Lab Number

: KCPA016565 : 06206532 Unique Number : 11073993

Received : 11 Jun 2024 **Tested** Diagnosed

: 13 Jun 2024

: 13 Jun 2024 - Don Baldridge 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)

Report Id: TRICLE [WUSCAR] 06206532 (Generated: 06/13/2024 14:27:17) Rev: 1

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