

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

7397685 (S/N 1319)Component
Compressor

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

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

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

Fluid Condition

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

				May2024		
SAMPLE INFORM	MATION	mothed	limit/base	Ourrent	biotom/1	hiotom/2
	MATION	method	ilmit/base	current	history1	history2
Sample Number		Client Info		KCPA012465		
Sample Date		Client Info		08 May 2024		
Machine Age	hrs	Client Info		15458		
Oil Age	hrs	Client Info		15458		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>3	0		
Titanium	ppm	ASTM D5185m	>3	0		
Silver	ppm	ASTM D5185m	>2	<1		
Aluminum	ppm	ASTM D5185m	>10	<1		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>50	15		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0		
Barium	ppm	ASTM D5185m	90	0		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	100	0		
Calcium	ppm	ASTM D5185m	0	0		
Phosphorus	ppm	ASTM D5185m	0	0		
Zinc	ppm	ASTM D5185m	0	0		
Sulfur	ppm	ASTM D5185m	23500	20683		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	3		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	- <1		
Water	%	ASTM D6304	>0.05	0.005		
ppm Water	ppm	ASTM D6304	>500	59		
FLUID CLEANLIN	ESS _	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		446		
Particles >6µm		ASTM D7647	>1300	119		
Particles >14µm		ASTM D7647	>80	2		
Particles >21µm		ASTM D7647		1		
Particles >38µm		ASTM D7647	>4	0		
Particles >71µm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>/17/13	16/14/9		
FLUID DEGRADA	TION _	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.27		
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Laboratory Sample No.

Lab Number : 06181990

: KCPA012465 Unique Number : 11033316

Received **Tested** Diagnosed

: 16 May 2024 : 20 May 2024

: 20 May 2024 - Don Baldridge

US 89502 Contact: Service Manager

280 S ROCK BLVD, SUITE 140

Test Package : IND 2 (Additional Tests: KF, PrtCount) Certificate 12367 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)

RENO, NV

T:

F: