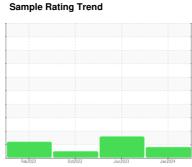


OIL ANALYSIS REPORT



ISO



7921458 (S/N 1058)

Component

Compressor

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

▲ Recommendation

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

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

		Feb202	2 Oct2022	Jun2023 Ja	n2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA008672	KCPA005311	KCP47179D
Sample Date		Client Info		25 Jan 2024	20 Jun 2023	28 Oct 2022
Machine Age	hrs	Client Info		11965	10317	6991
Oil Age	hrs	Client Info		0	0	6991
Oil Changed		Client Info		N/A	N/A	Changed
Sample Status				ATTENTION	ATTENTION	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	<1	<1	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>10	<1	2	0
Lead	ppm	ASTM D5185m	>10	<1	0	0
Copper	ppm	ASTM D5185m	>50	11	8	11
Tin	ppm	ASTM D5185m	>10	<1	0	0
Antimony	ppm	ASTM D5185m				
Vanadium	ppm	ASTM D5185m		0	<1	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	0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m	90	19	33	2
Calcium	ppm	ASTM D5185m	2	0	0	0
Phosphorus	ppm	ASTM D5185m		0	<1	2
Zinc	ppm	ASTM D5185m		16	14	<1
Sulfur	ppm	ASTM D5185m		16473	20522	17108
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	<1	<1
Sodium	ppm	ASTM D5185m		15	15	<1
Potassium	ppm	ASTM D5185m	>20	6	13	2
Water	%	ASTM D6304	>0.05	0.013	0.019	0.005
ppm Water	ppm	ASTM D6304	>500	132	197.3	52.2
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		8823	5799	4836
Particles >6µm		ASTM D7647	>1300	1787	2457	1222
Particles >14µm		ASTM D7647	>80	71	121	39
Particles >21µm		ASTM D7647	>20	16	▲ 32	12
Particles >38µm		ASTM D7647	>4	0	1	1
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	20/18/13	2 0/18/14	19/17/12
On Oleaniness		.0000 (0)	, , , , , , ,			

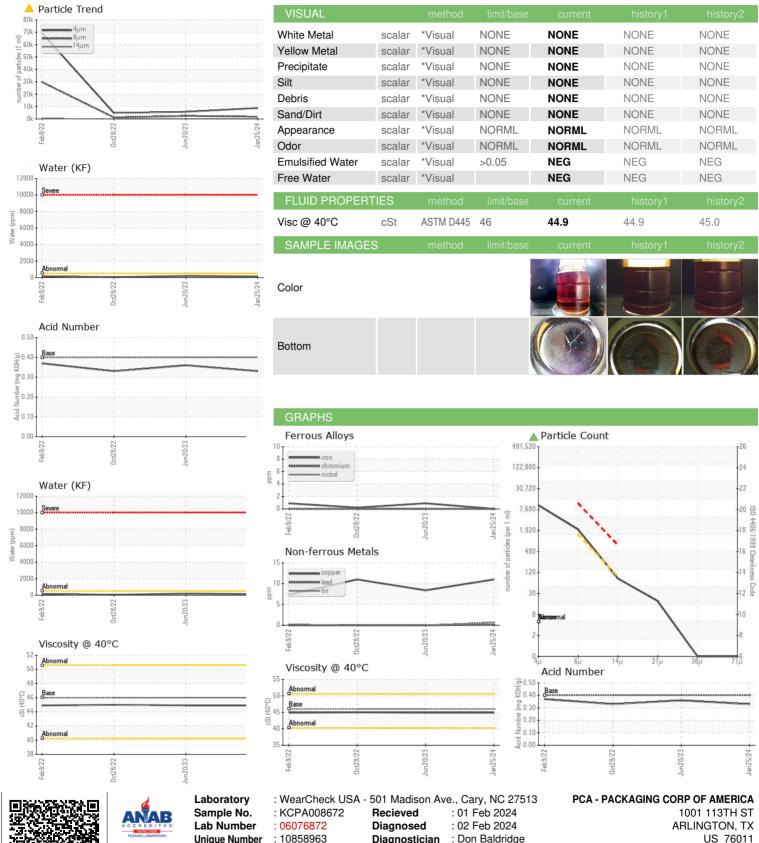
0.36

0.33

0.33



OIL ANALYSIS REPORT





Certificate L2367

Unique Number

: 10858963

Diagnostician : 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)

Contact/Location: Service Manager - PCAARL

T: F:

Contact: Service Manager