

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id

8332002 (S/N 1362)

Component Compressor

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

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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.

				Mar2024		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KC130577		
Sample Date		Client Info		27 Mar 2024		
Machine Age	hrs	Client Info		1539		
Oil Age	hrs	Client Info		1500		
Oil Changed	1113	Client Info		Changed		
Sample Status		Ollerit IIIIO		NORMAL		
			11 1.0			
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	0		
Aluminum	ppm	ASTM D5185m	>10	0		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>50	0		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m	90	36		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	90	70		
Calcium	ppm	ASTM D5185m	2	2		
Phosphorus	ppm	ASTM D5185m	_	2		
Zinc	ppm	ASTM D5185m		0		
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CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0		
Sodium	ppm	ASTM D5185m		12		
Potassium	ppm	ASTM D5185m	>20	<1		
Water	%	ASTM D6304	>0.05	0.023		
ppm Water	ppm	ASTM D6304	>500	232		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		2712		
Particles >6µm		ASTM D7647	>1300	598		
Particles >14µm		ASTM D7647	>80	53		
Particles >21µm		ASTM D7647	>20	17		
Particles >38µm		ASTM D7647	>4	1		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>/17/13	19/16/13		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2

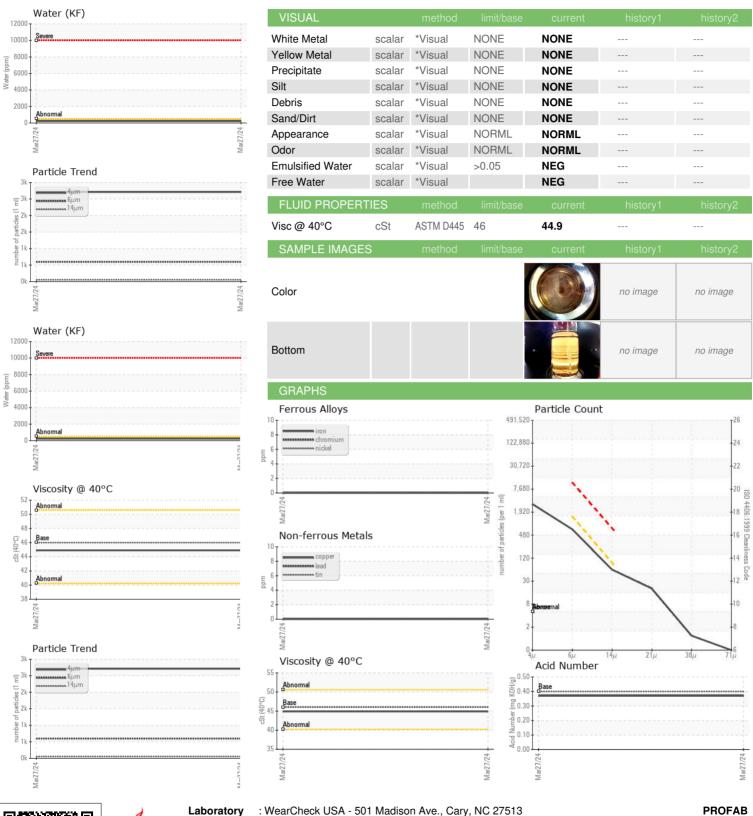
Acid Number (AN)

mg KOH/g ASTM D8045 0.4

0.37



OIL ANALYSIS REPORT







Certificate 12367

Sample No. Lab Number : 06145879 Unique Number : 10975957

: KC130577 Test Package : IND 2

Received : 11 Apr 2024 **Tested** : 12 Apr 2024

Diagnosed : 15 Apr 2024 - Don Baldridge 390 OLD SPARTANBURG HWY WELLFORD, SC

US 29685 Contact: Service Manager

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: PROWEL [WUSCAR] 06145879 (Generated: 04/15/2024 18:29:06) Rev: 1

Contact/Location: Service Manager - PROWEL

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