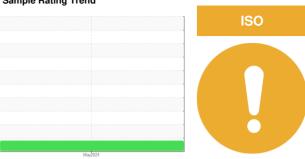


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

8567035 (S/N 1282)

Component Compressor

KAESER SIGMA (OEM) S-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 silt (particulates < 14 microns in size) present in the oil.

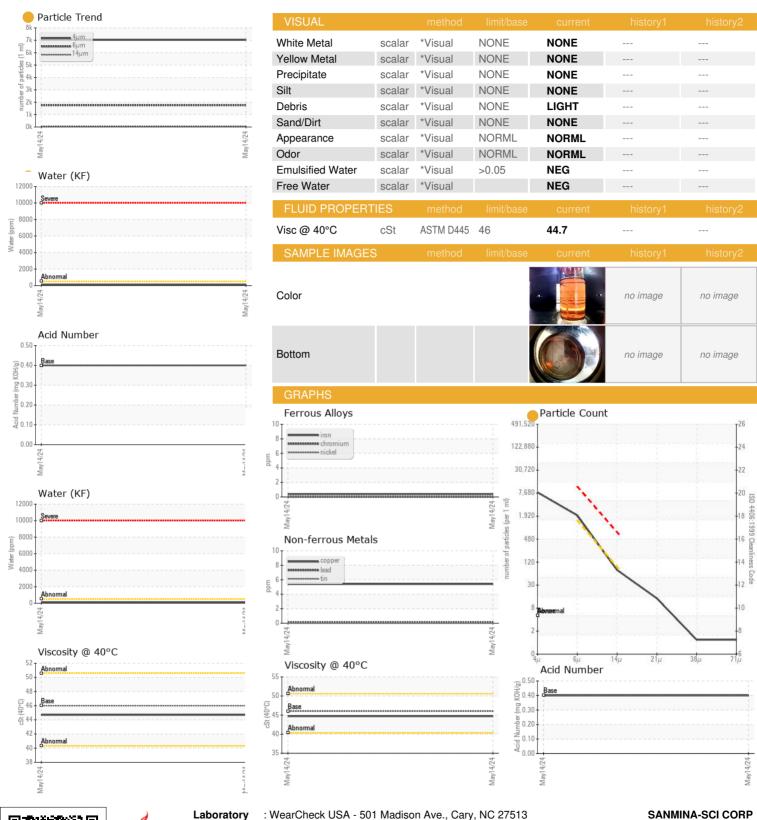
Fluid Condition

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

				May2024		
SAMPLE INFORM	ΙΔΤΙΩΝ	method	limit/base	current	history1	history2
	IATION		IIIIIIIIIIII			
Sample Number		Client Info		KCPA012765		
Sample Date	,	Client Info		14 May 2024		
Machine Age	hrs	Client Info		5736		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				ATTENTION		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1		
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	<1		
Copper	ppm	ASTM D5185m	>50	5		
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		
Barium	ppm	ASTM D5185m	90	0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	90	6		
Calcium	ppm	ASTM D5185m	2	0		
Phosphorus	ppm	ASTM D5185m		0		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		21968		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m	720	5		
Potassium	ppm	ASTM D5185m	>20	1		
Water	%	ASTM D6304	>0.05	0.012		
ppm Water	ppm	ASTM D6304	>500	121		
FLUID CLEANLIN		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		7026		
Particles >6µm		ASTM D7647	>1300	1752		
Particles >14µm		ASTM D7647	>80	66		
Particles >14µm		ASTM D7647		12		
Particles >38µm		ASTM D7647 ASTM D7647	>4	12		
Particles >30μm		ASTM D7647		1		
Oil Cleanliness		ISO 4406 (c)	>/17/13	<u>20/18/13</u>		
FLUID DEGRADA	TION		limit/base			
		method		current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.40		



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

: KCPA012765 Lab Number : 06182011 Unique Number: 11033337

Received : 16 May 2024 Tested Diagnosed

: 20 May 2024 : 20 May 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)

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T: F: