

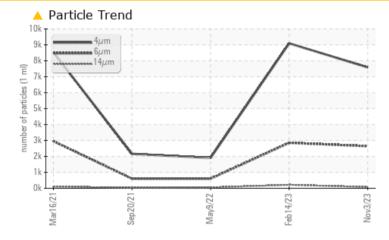
PROBLEM SUMMARY

Sample Rating Trend

Machine Id **7266241 (S/N 1514)** Component

Component Compressor Fluid KAESER SIGMA (OEM) S-460 (--- GAL)

COMPONENT CONDITION SUMMARY



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.

PROBLEMATIC TEST RESULTS							
Sample Status		ABNORMAL	ABNORMAL	NORMAL			
Particles >6µm	ASTM D7647 >130	0 🔺 2641	<u> </u>	603			
Oil Cleanliness	ISO 4406 (c) >/17	7/13 🔺 20/19/13	🔺 20/19/15	18/16/13			

Customer Id: CAVPIT Sample No.: KC124383 Lab Number: 06011516 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 don.b505@comcast.net

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

14 Feb 2023 Diag: Don Baldridge



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.All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

09 May 2022 Diag: Angela Borella



Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.



view repor



20 Sep 2021 Diag: Jonathan Hester



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.







OIL ANALYSIS REPORT

Sample Rating Trend ISO

Machine Id 7266241 (S/N 1514) Component

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

DIAGNOSIS

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 high amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

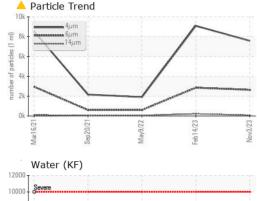
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

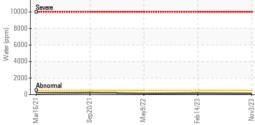
Machine Age Oil AgehrsClient Info13818100856931Oil Age Sample StatusClient Info026443942WEAR METALSImitable MassABNORMALNORMALWEAR METALSmethodlimitbasecurrenthistory1IronppmASTM D5185m>50<1<1ChromiumppmASTM D5185m>33<100NickelppmASTM D5185m>33<100NickelppmASTM D5185m>33<100NamiumppmASTM D5185m>100<1<1LeadppmASTM D5185m>100<1<1LeadppmASTM D5185m>100<1<1AttimonyppmASTM D5185m>100<1<1AttimonyppmASTM D5185m>100<1<1AttimonyppmASTM D5185m>100<1<1AttimonyppmASTM D5185m<10000AddiniumpmASTM D5185m<10000AbdolenumppmASTM D5185m0000AddiniumpmASTM D5185m0000AddiniumpmASTM D5185m0000AddiniumpmASTM D5185m900<10AddiniumpmASTM D5185m0	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 13818 10085 6931 Oil Age hrs Client Info 0 2644 3942 Oil Changed Client Info N/A NAC Changed Changed Sample Status Image Linet Info N/A ABNORMAL ABNORMAL ABNORMAL NORMAL WEAR METALS method Imit/base current history1 history2 Iron ppm ASTM D5185m >30 <1	Sample Number		Client Info		KC124383	KC101651	KC107197
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Titanium ppm ASTM D5185m >3 <1 0 0 Silver ppm ASTM D5185m >2 0 <1	Nickel		ASTM D5185m	>3	<1		0
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FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>3	0	0	0
	Oil Cleanliness		ISO 4406 (c)	>/17/13	A 20/19/13	▲ 20/19/15	18/16/13
Acid Number (AN) mg KOH/g ASTM D8045 0.4 0.25 0.31 0.34	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.25	0.31	0.34

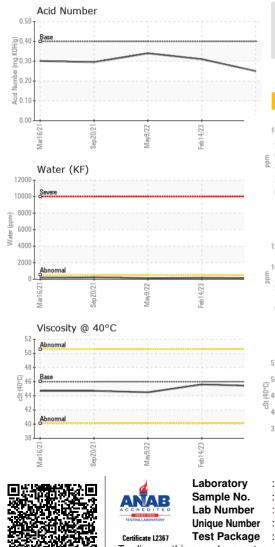
Contact/Location: G. CLARK - CAVPIT



OIL ANALYSIS REPORT

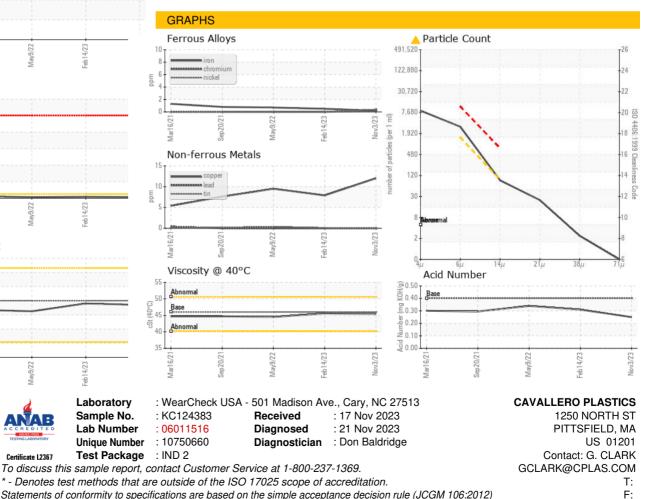






VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	45.4	45.6	44.5
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color				A.		

Bottom



Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: G. CLARK - CAVPIT