

OIL ANALYSIS REPORT

Area CS-46 [PM12-3208341] **KAESER 1085 - AIRGAS SACRAMENTO**

Component Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

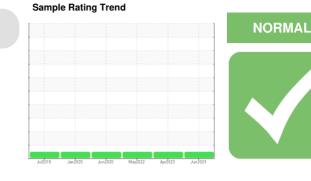
All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

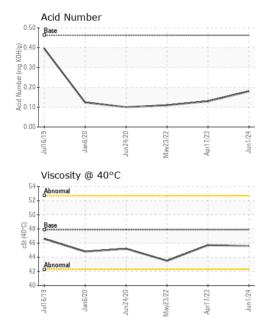
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



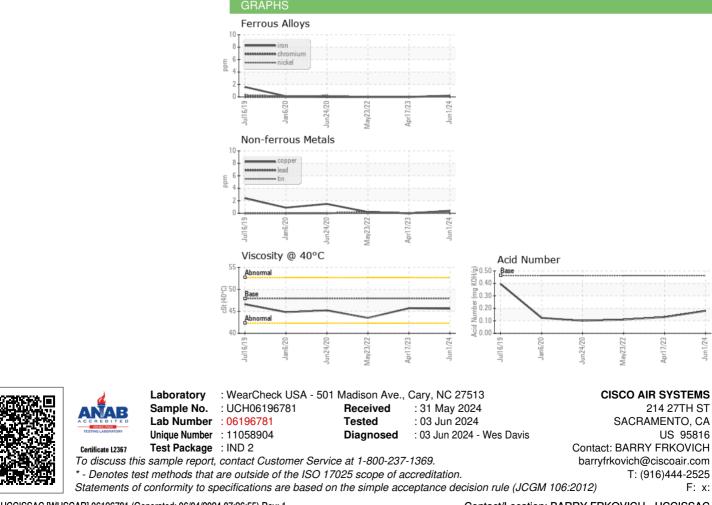
Sample Number Client Info UCH06196781 UCH05381326 UCH0556 Sample Date Client Info 01 Jun 2024 17 Apr 2023 23 May 2 Machine Age hrs Client Info 17311 12071 832 Oil Age hrs Client Info 17311 12071 832 Oil Age hrs Client Info Not Changd Changed Not Changd Sample Status Client Info Not Changd Changed Not Changd GONTAMINATION method limit/base current history1 histor Water WC Method >0.05 NEG NEG NEG Vear WC Method >0.05 NEG NEG NEG Iron ppm ASTM D5185m >50 <1 0 0 Nickel ppm ASTM D5185m >3 0 0 0 0 Silver ppm ASTM D5185m >10 <1 0 0 1 Cop	ry2
Machine Age hrs Client Info 17311 12071 832 Oil Age hrs Client Info 5240 4103 0 Oil Changed Client Info Not Changd Not Changed Not Changed Sample Status Imathematical Status Imathematical Status Normal Normal Normal CONTAMINATION method Imit/base current history1 history1 Water WC Method >0.05 NEG NEG NEG Iron ppm ASTM D5185m >50 <1 0 0 Nickel ppm ASTM D5185m >3 0 0 0 Silver ppm ASTM D5185m >2 0 0 0 Auminum ppm ASTM D5185m >10 2 <1 0 0 Lead ppm ASTM D5185m >10 <1 0 0 0 Antimony ppm ASTM D5185m >10 <1 <td< th=""><th>4660</th></td<>	4660
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Aluminum ppm ASTM D5185m >10 2 <1	
Lead ppm ASTM D5185m >10 <1	
Copper ppm ASTM D5185m >50 <1	
Tin ppm ASTM D5185m >10 <1	
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Boron ppm ASTM D5185m 1.5 0 0 0 Barium ppm ASTM D5185m 0 <1	
Barium ppm ASTM D5185m 0 <1	y2
Molybdenum ppm ASTM D5185m 0 <1	
Manganese ppm ASTM D5185m 0.3 0 <1	
Magnesium ppm ASTM D5185m 0 <1	
Calcium ppm ASTM D5185m 0 0 0 0 0 Phosphorus ppm ASTM D5185m 406 307 173 213 Zinc ppm ASTM D5185m 0 0 0 0 0 Sulfur ppm ASTM D5185m 1283 1501 1310 1632 CONTAMINANTS method limit/base current history1 history1	
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Zinc ppm ASTM D5185m 0	
SulfurppmASTM D5185m1283150113101632CONTAMINANTSmethodlimit/basecurrenthistory1history1	
CONTAMINANTS method limit/base current history1 histor	
	y2
Silicon ppm ASTM D5185m >25 8 11 5	
Sodium ppm ASTM D5185m 0 0 0	
Potassium ppm ASTM D5185m >20 <1	
FLUID DEGRADATION method limit/base current history1 histor	ry2
Acid Number (AN) mg KOH/g ASTM D8045 0.463 0.18 0.13 0.11	



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	47.9	45.6	45.7	43.5
SAMPLE IMAGES	\$	method	limit/base	current	history1	history2
Color						
Bottom						



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