

## **OIL ANALYSIS REPORT**

### Area CFG-546 [CAC2933152] KAESER 8176183 - TOUCHSTONE PISTACHIO (S/N 4097)

Component Compressor

#### Recommendation

Resample at the next service interval to monitor.

### Wear

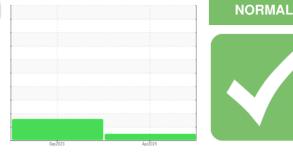
All component wear rates are normal.

#### 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 INFORM	<b>MATION</b>	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06175628	UCH05958694	
Sample Date		Client Info		30 Apr 2024	05 Sep 2023	
Machine Age	hrs	Client Info		11694	6602	
Oil Age	hrs	Client Info		1866	6602	
Oil Changed		Client Info		Not Changd	Changed	
Sample Status				NORMAL	ATTENTION	
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	9	
Chromium	ppm	ASTM D5185m	>10	0	0	
Nickel	ppm	ASTM D5185m	>3	0	0	
Titanium	ppm	ASTM D5185m	>3	0	0	
Silver	ppm	ASTM D5185m	>2	0	0	
Aluminum	ppm	ASTM D5185m	>10	0	5	
Lead	ppm	ASTM D5185m	>10	0	0	
Copper	ppm	ASTM D5185m	>50	1	1	
Tin	ppm	ASTM D5185m	>10	0	0	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	
Barium	ppm	ASTM D5185m	0	<1	0	
Molybdenum	ppm	ASTM D5185m	0	0	0	
Manganese	ppm	ASTM D5185m	0	0	0	
Magnesium	ppm	ASTM D5185m	1.2	0	3	
Calcium	ppm	ASTM D5185m	0	0	0	
Phosphorus	ppm	ASTM D5185m	295	237	287	
Zinc	ppm	ASTM D5185m	0	50	198	
Sulfur	ppm	ASTM D5185m	253	955	1835	
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	0	
Sodium	ppm	ASTM D5185m		2	2	
Potassium	ppm	ASTM D5185m	>20	0	2	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.252	0.36	1.05	

Sample Rating Trend



Base

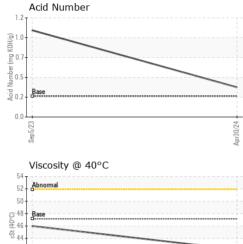
42 40. Abnormal

38. Sep5/23

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VISUAL



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<u>۱</u>	White Metal	scalar	*Visual	NONE	NONE	NONE	
٢	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
F	Precipitate	scalar	*Visual	NONE	NONE	NONE	
	Silt	scalar	*Visual	NONE	NONE	NONE	
	Debris	scalar	*Visual	NONE	NONE	NONE	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Apr30/24	Appearance	scalar	*Visual	NORML	NORML	NORML	
(	Odor	scalar	*Visual	NORML	NORML	NORML	
E	Emulsified Water	scalar	*Visual	>0.05	NEG	0.2%	
F	Free Water	scalar	*Visual		NEG	NEG	
	FLUID PROPERTI	IES	method	limit/base	current	history1	history2
·····	Visc @ 40°C	cSt	ASTM D445	47.16	42.2	46.0	
	SAMPLE IMAGES		method	limit/base	current	history1	history2
Apr30/24 +	Color						no image
E	Bottom						no image
E 6 4 2 0 10 8 E 6 4 2 0 55	viscosity @ 40°C	;		40120574 April 2012	Acid Number		
50 55 9 + 45 8 40 35	Abnormal			40130024 Apr30024 Apr30024 Apr30024	Base EV/4 dag		Au:30/24
Sample No. : UC Lab Number : 06 Unique Number : 11 Test Package : IN s sample report, con	1021681	Recei Teste Diagn	ived : 10 ed : 13 nosed : 13 800-237-1369	May 2024 May 2024 May 2024 - Do 0.	ug Bogart	SACR Contact: BARF barryfrkovich(	

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Contact/Location: BARRY FRKOVICH - UCCISSAC