

OIL ANALYSIS REPORT

Area **S-460** [8031] KAESER 041986 - CARDINAL HEALTH Component

Left 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 Rating Trend



SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06055465	UCH05415586	
Sample Date		Client Info		02 Jan 2024	24 Nov 2021	
Machine Age	hrs	Client Info		81337	77934	
Oil Age	hrs	Client Info		5000	0	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	NORMAL	
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	0	
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	<1	
Aluminum	ppm	ASTM D5185m	>10	0	0	
Lead	ppm	ASTM D5185m	>10	0	0	
Copper	ppm	ASTM D5185m	>50	24	39	
Tin	ppm	ASTM D5185m	>10	0	0	
Antimony	ppm	ASTM D5185m			1	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	10	
Barium	ppm	ASTM D5185m	90	0	0	
Molybdenum	ppm	ASTM D5185m		0	0	
Manganese	ppm	ASTM D5185m		0	0	
Magnesium	ppm	ASTM D5185m	90	0	0	
Calcium	ppm	ASTM D5185m	2	0	0	
Phosphorus	ppm	ASTM D5185m		0	8	
Zinc	ppm	ASTM D5185m		0	0	
Sulfur	ppm	ASTM D5185m		15654	10107	
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	<1	
Sodium	ppm	ASTM D5185m		0	0	
Potassium	ppm	ASTM D5185m	>20	0	0	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.40	0.334	



Base

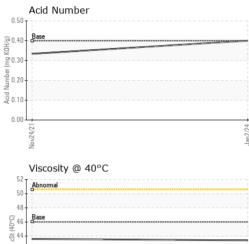
Abnormal 40 38 Nov24/21

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OIL ANALYSIS REPORT

VISUAL



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Site scalar Visual NONE NONE NONE NONE		Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Site scalar Visual NONE NONE NONE		Precipitate	scalar	*Visual	NONE	NONE	NONE	
Debris scalar Visual NONE NONE NONE			scalar	*Visual	NONE		NONE	
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Color no image Bottom no image CRAPHS Ferrous Alloys		Visc @ 40°C	cSt	ASTM D445	46	43.4	43.6	
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Laboratory :: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Lab Number :: UCH06055465 Lab Number :: UCH06055465 Lab Number :: UCH06055465 Diagnosed :: 10 Jan 2024 Diagnosed :: 10 Jan 2024 Diagnosed :: 10 Jan 2024 Diagnosed :: 10 Jan 2024 Diagnosed :: 10 Jan 2024 DownERS GROVE Scuss this sample roport, contact Customer Service at 1-800-237-1369. Sources test methods that are outside of the ISO 17025 scope of accreditation.		Bottom					\bigcirc	no image
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Contact/Location: MICHAEL FERRIS - UCDELDOW