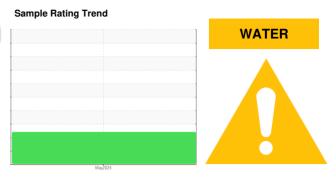


# **OIL ANALYSIS REPORT**

ACS-46-5 [419862] **KAESER 1004 - MONDELEZ** 

Component Compressor



## DIAGNOSIS

### Recommendation

We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor.

The aluminum level is abnormal. All other component wear rates are normal.

## Contamination

There is a high amount of visible silt present in the sample. There is a light concentration of water present in the oil.

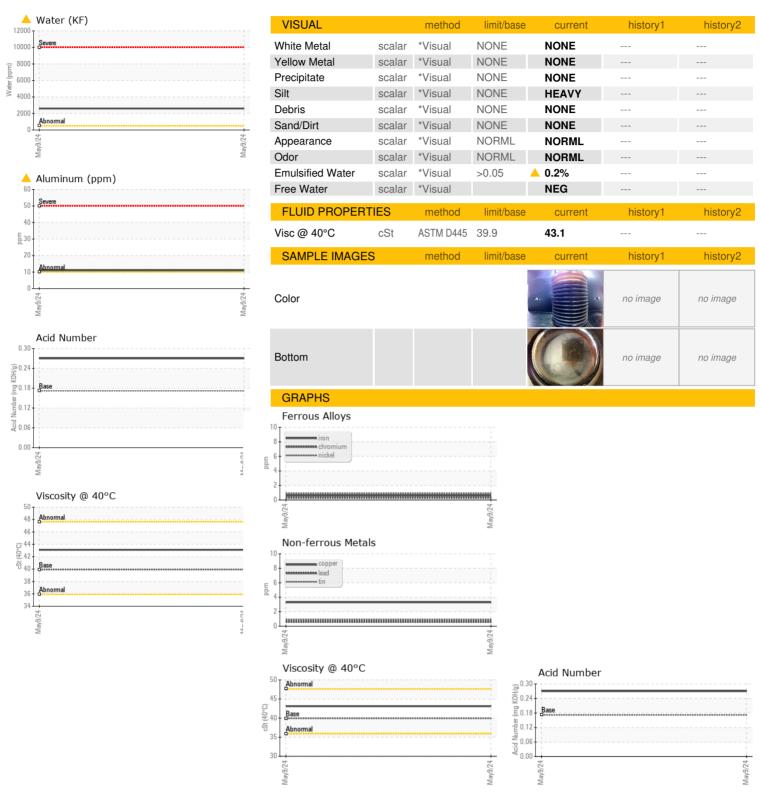
### **Fluid Condition**

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

CAMPLE INCORN	AATIONI	40.00	11 11/1		1111	111 0
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06183375		
Sample Date		Client Info		09 May 2024		
Machine Age	hrs	Client Info		48896		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>3	<1		
Titanium	ppm	ASTM D5185m	>3	<1		
Silver	ppm	ASTM D5185m	>2	<1		
Aluminum	ppm	ASTM D5185m	>10	<u> 11</u>		
Lead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>50	3		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
	ppm	method ASTM D5185m	limit/base	current 0	history1	history2
Boron	ppm ppm					
Boron Barium		ASTM D5185m	0.0	0		
Boron Barium Molybdenum	ppm	ASTM D5185m ASTM D5185m	0.0	0 0		
Boron Barium Molybdenum Manganese	ppm	ASTM D5185m ASTM D5185m ASTM D5185m	0.0 0.0 0	0 0 <1		 
Boron Barium Molybdenum Manganese Magnesium	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0.0 0.0 0	0 0 <1 <1		
Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0.0 0.0 0 0 0	0 0 <1 <1 <1		
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0.0 0.0 0 0 0.0 0.0	0 0 <1 <1 <1 <1 3		
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0.0 0.0 0 0 0.0 0.0 0.0 966	0 0 <1 <1 <1 <1 3 220	   	
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0.0 0.0 0 0 0 0.0 0.0 966	0 0 <1 <1 <1 <1 3 220 58		
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0.0 0.0 0 0 0.0 0.0 966 0 1309	0 0 <1 <1 <1 3 220 58 1790		   
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0.0 0.0 0 0 0.0 0.0 966 0 1309 limit/base	0 0 <1 <1 <1 3 220 58 1790 current	      history1	     history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	0.0 0.0 0 0 0.0 0.0 966 0 1309 limit/base	0 0 <1 <1 <1 3 220 58 1790 current	history1	history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	0.0 0.0 0 0.0 0.0 966 0 1309 limit/base >25	0 0 <1 <1 <1 3 220 58 1790 current 3		history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	0.0 0.0 0 0 0.0 0.0 966 0 1309 limit/base >25	0 0 <1 <1 <1 3 220 58 1790 current 3 0		history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	0.0 0.0 0 0.0 0.0 966 0 1309 limit/base >25 >20 >0.05	0 0 <1 <1 <1 3 220 58 1790 current 3 0 2		history2



# **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

: UCH06183375 Lab Number : 06183375 Unique Number : 11034701

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received Tested

: 17 May 2024 : 21 May 2024 Diagnosed Test Package : IND 2 ( Additional Tests: KF )

: 21 May 2024 - Don Baldridge

US 07072 Contact: ELVIN DIAZ ediaz@airmaticcompressor.com;canastasio@wearcheckusa.com T: (800)864-7621

**AIRMATIC COMPRESSOR SYSTEMS** 

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CARLSTADT, NJ

F: (201)342-6241

\* - 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)