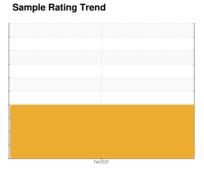


# **OIL ANALYSIS REPORT**

Area **S-460** [1406224]

# **KAESER 1023 - SERVICE LIFT GARAGE**

Component Compressor





### Recommendation

We advise that you follow the water drain-off procedure for this component. We recommend an early resample to monitor this condition.

All component wear rates are normal.

## Contamination

There is a light concentration of water present in the oil. Free water present.

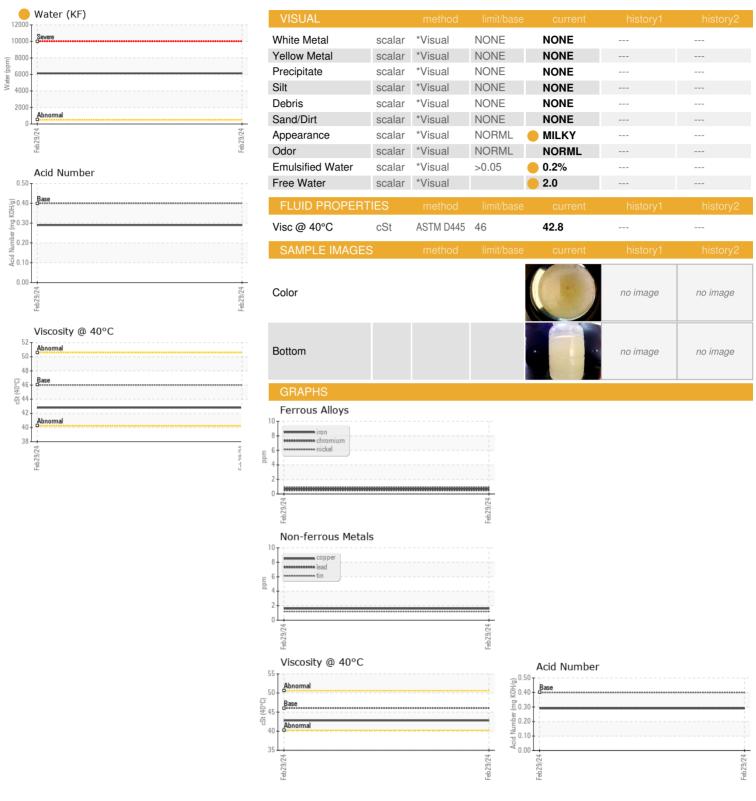
### **Fluid Condition**

The AN level is acceptable for this fluid.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06145966		
Sample Date		Client Info		29 Feb 2024		
Machine Age	hrs	Client Info		33		
Oil Age	hrs	Client Info		3		
Oil Changed		Client Info		Not Changd		
Sample Status				ATTENTION		
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	0		
Aluminum	ppm	ASTM D5185m	>10	1		
Lead	ppm	ASTM D5185m	>10	2		
Copper	ppm	ASTM D5185m	>50	2		
Tin	ppm	ASTM D5185m	>10	1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		1		
	-  - · · ·			•		
ADDITIVES	lelerri	method	limit/base	current	history1	history2
	ppm		limit/base		history1	history2
Boron		method	limit/base	current		
Boron Barium	ppm	method ASTM D5185m		current 0		
Boron Barium Molybdenum	ppm	method ASTM D5185m ASTM D5185m		current 0 37		
Boron Barium Molybdenum Manganese	ppm ppm	method  ASTM D5185m  ASTM D5185m  ASTM D5185m		current 0 37 <1		
Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	90	current 0 37 <1 <1		
ADDITIVES  Boron  Barium  Molybdenum  Manganese  Magnesium  Calcium  Phosphorus	ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	90	current 0 37 <1 <1 32		
Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	method  ASTM D5185m  ASTM D5185m  ASTM D5185m  ASTM D5185m  ASTM D5185m  ASTM D5185m	90	current 0 37 <1 <1 32 4		
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm	method  ASTM D5185m	90	current 0 37 <1 <1 32 4 9	   	
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm ppm	method  ASTM D5185m	90	current 0 37 <1 <1 32 4 9 3		
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm ppm	method  ASTM D5185m	90 90 2	current  0 37 <1 <1 32 4 9 3 18362		
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm ppm	method  ASTM D5185m	90 90 2 limit/base	current  0 37 <1 <1 32 4 9 3 18362 current		     history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	method  ASTM D5185m	90 90 2 limit/base	current  0 37 <1 <1 32 4 9 3 18362  current <1		history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	90 90 2 limit/base >25	current 0 37 <1 <1 32 4 9 3 18362 current <1		history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	method  ASTM D5185m	90 90 2 limit/base >25 >20	current  0 37 <1 <1 <1 32 4 9 3 18362  current <1 1		history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	method  ASTM D5185m	90 90 2 limit/base >25 >20 >0.05	current  0 37 <1 <1 32 4 9 3 18362 current <1 <1 0.613		history2



## **OIL ANALYSIS REPORT**







Certificate 12367

Sample No.

Lab Number : 06145966

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCH06145966 Unique Number : 10976044

Received **Tested** 

Diagnosed : 15 Apr 2024 - Don Baldridge Test Package : IND 2 ( Additional Tests: KF )

: 11 Apr 2024

: 15 Apr 2024

To discuss this sample report, contact Customer Service at 1-800-237-1369. \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. AIR TECHNOLOGIES INC (TOL)

1055 CLUSTER DR TOLEDO, OH US 43612

Contact: KEVIN PLISKA kevin.pliska@aircompressors.com

T: (419)269-1000 F: (614)414-4063

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: UCAIRTOL [WUSCAR] 06145966 (Generated: 04/15/2024 12:00:36) Rev: 1

Contact/Location: KEVIN PLISKA - UCAIRTOL