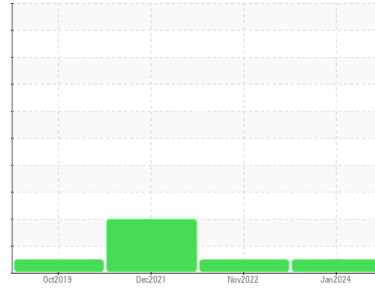


Area  
**PO-4010**  
 Machine Id  
**KAESER 1039 - AIR CLEAN SYSTEMS**  
 Component  
**Compressor**



**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 INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>UCP06058220</b>	UCP05690370	UCP05445301
Sample Date	Client Info			<b>03 Jan 2024</b>	01 Nov 2022	17 Dec 2021
Machine Age	hrs	Client Info		<b>34978</b>	32488	0
Oil Age	hrs	Client Info		<b>2000</b>	1081	5000
Oil Changed	Client Info			<b>Changed</b>	Not Changd	N/A
Sample Status				<b>NORMAL</b>	NORMAL	ATTENTION

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.05	<b>NEG</b>	NEG	NEG

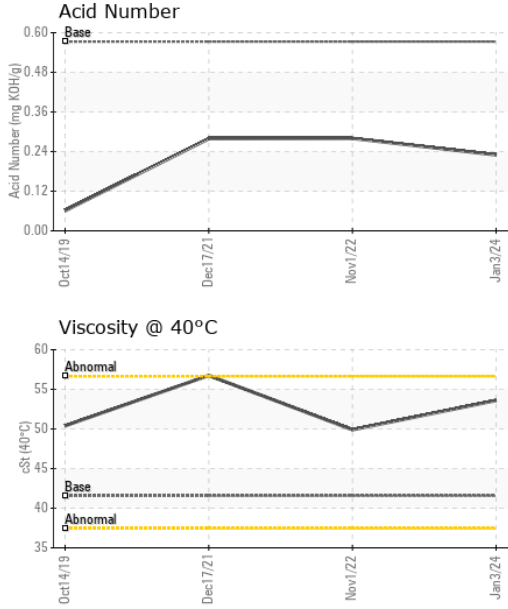
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<b>0</b>	1	<1
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>3	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m	>3	<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>2	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>10	<b>0</b>	0	<1
Lead	ppm	ASTM D5185m	>10	<b>0</b>	0	<1
Copper	ppm	ASTM D5185m	>50	<b>2</b>	<1	2
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Antimony	ppm	ASTM D5185m		<b>---</b>	---	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<b>0</b>	0	13
Barium	ppm	ASTM D5185m	0.4	<b>0</b>	0	▲ 26
Molybdenum	ppm	ASTM D5185m	0.5	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m	0.4	<b>0</b>	0	<1
Magnesium	ppm	ASTM D5185m	0	<b>0</b>	<1	▲ 35
Calcium	ppm	ASTM D5185m	0.3	<b>0</b>	0	2
Phosphorus	ppm	ASTM D5185m	1376	<b>568</b>	740	▲ 147
Zinc	ppm	ASTM D5185m	0	<b>17</b>	0	14
Sulfur	ppm	ASTM D5185m	320	<b>2203</b>	1964	▲ 13943

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<b>0</b>	2	6
Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	11
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	2

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.573	<b>0.23</b>	0.28	0.279

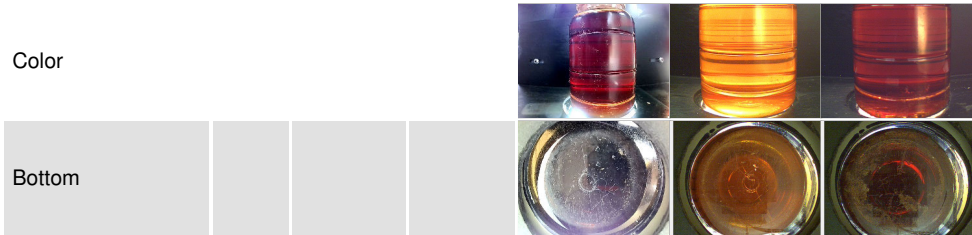
# OIL ANALYSIS REPORT



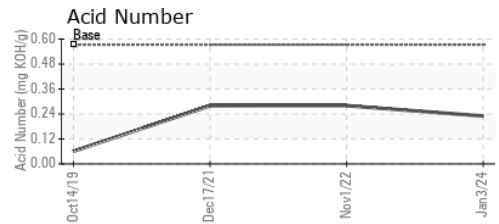
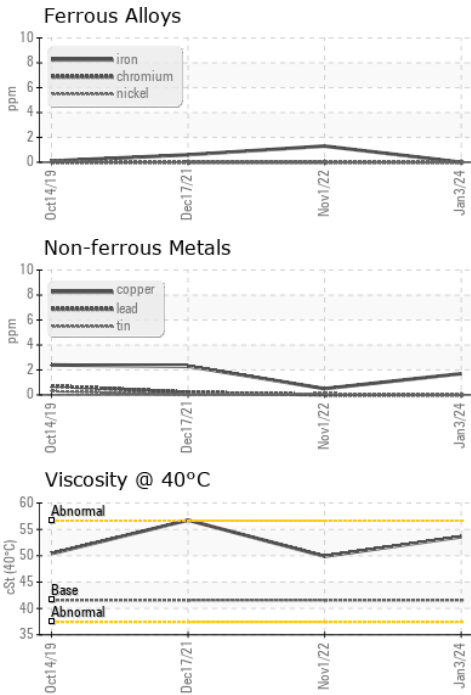
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	41.57	<b>53.6</b>	49.9 ▲ 56.75

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCP06058220 **Recieved** : 11 Jan 2024  
**Lab Number** : 06058220 **Diagnosed** : 12 Jan 2024  
**Unique Number** : 10829602 **Diagnostician** : Don Baldrige  
**Test Package** : IND 2

**PATTONS INC - RALEIGH**  
 2616 DISCOVERY DRIVE  
 RALEIGH, NC  
 US 27616

Contact: AARON MCCOY  
 aaron.mccoy@pattonsync.com  
 T: (919)872-6411  
 F: (919)876-1961

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.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)