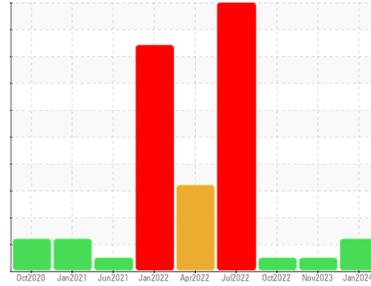


# OIL ANALYSIS REPORT

Area  
**CHEMLUBE PLUS 10 [121668]**  
 Machine Id  
**INGERSOLL RAND EE2629U06352 - HTM**  
 Component  
**Compressor**

Sample Rating Trend



**DEGRADATION**



**DIAGNOSIS**

**Recommendation**

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

**Wear**

All component wear rates are normal.

**Contamination**

There is no indication of any contamination in the oil.

**Fluid Condition**

The AN level is above the recommended limit.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>UCH06074885</b>	UCH06048973	UCH05668255
Sample Date	Client Info			<b>25 Jan 2024</b>	15 Nov 2023	07 Oct 2022
Machine Age	hrs	Client Info		<b>53105</b>	55093	50754
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed	Client Info			<b>N/A</b>	Changed	Not Changed
Sample Status				<b>ATTENTION</b>	NORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.1	<b>NEG</b>	NEG	NEG

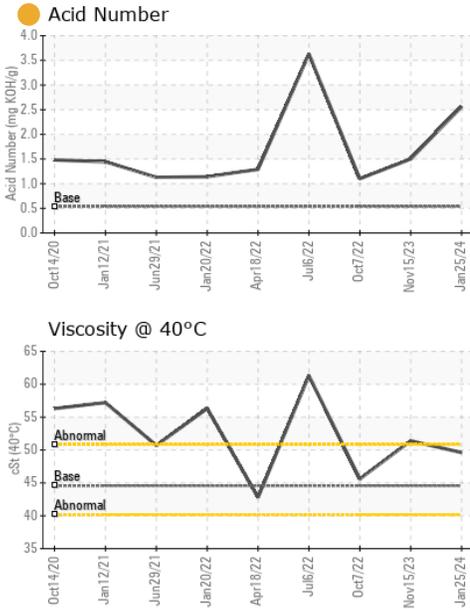
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<b>0</b>	0	0
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>0</b>	<1	2
Lead	ppm	ASTM D5185m	>25	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>50	<b>0</b>	1	<1
Tin	ppm	ASTM D5185m	>15	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
Cadmium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0.1	<b>0</b>	0	0
Barium	ppm	ASTM D5185m	0.8	<b>6</b>	5	0
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m	0.9	<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m	0	<b>1</b>	2	3
Calcium	ppm	ASTM D5185m	0	<b>2</b>	2	0
Phosphorus	ppm	ASTM D5185m	409	<b>198</b>	138	79
Zinc	ppm	ASTM D5185m	0	<b>&lt;1</b>	15	0
Sulfur	ppm	ASTM D5185m	1290	<b>161</b>	127	122

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<b>&lt;1</b>	<1	2
Sodium	ppm	ASTM D5185m		<b>4</b>	2	4
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	<1	0

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.537	<b>2.56</b>	1.50	1.10

# OIL ANALYSIS REPORT

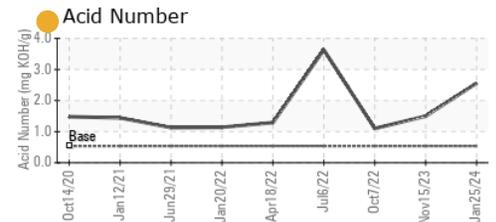
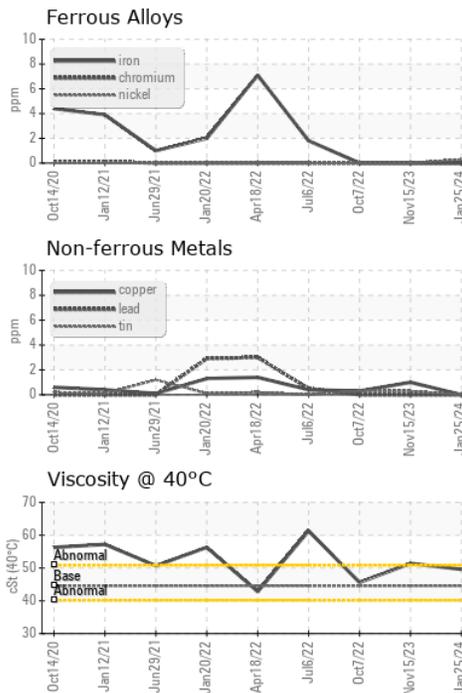


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	MODER	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	44.56	49.6	51.4

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCH06074885 **Received** : 30 Jan 2024  
**Lab Number** : 06074885 **Tested** : 31 Jan 2024  
**Unique Number** : 10856976 **Diagnosed** : 01 Feb 2024 - Jonathan Hester  
**Test Package** : IND 2

**AIR HANDLING EQUIPMENT INC**  
 1389 RIVERSIDE DR  
 SIDNEY, OH  
 US 45365  
 Contact: ANGIE ROSENBECK  
 angie@ahequip.net  
 T: (937)658-6266  
 F: (937)492-3147

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)