



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
NOT GIVEN

Machine Id
INGERSOLL RAND TS1411U99309 - PWIC CONDOMINIUM ASSOCIATION INC

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	UCH05982443	---	---
Sample Date	Client Info	27 Sep 2023	---	---
Machine Age	hrs Client Info	25000	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

WEAR METALS

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

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 2	0	---	---
Barium	ppm ASTM D5185m 525	882	---	---
Molybdenum	ppm ASTM D5185m 10	0	---	---
Manganese	ppm ASTM D5185m	0	---	---
Magnesium	ppm ASTM D5185m 5	<1	---	---
Calcium	ppm ASTM D5185m 10	6	---	---
Phosphorus	ppm ASTM D5185m 250	11	---	---
Zinc	ppm ASTM D5185m 100	0	---	---
Sulfur	ppm ASTM D5185m 400	377	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >25	3	---	---
Sodium	ppm ASTM D5185m	5	---	---
Potassium	ppm ASTM D5185m >20	<1	---	---

FLUID DEGRADATION

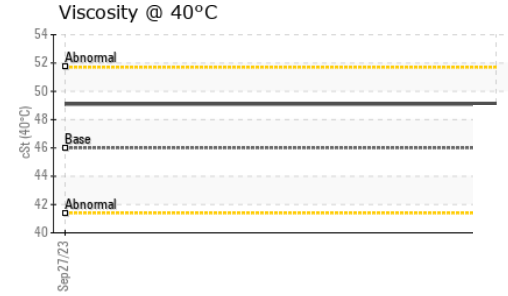
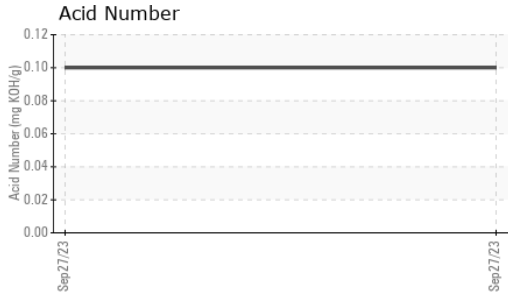
method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	0.1	---	---

VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	NONE	---	---
Yellow Metal	scalar *Visual NONE	LIGHT	---	---
Precipitate	scalar *Visual NONE	NONE	---	---
Silt	scalar *Visual NONE	NONE	---	---
Debris	scalar *Visual NONE	NONE	---	---
Sand/Dirt	scalar *Visual NONE	NONE	---	---
Appearance	scalar *Visual NORML	NORML	---	---
Odor	scalar *Visual NORML	NORML	---	---
Emulsified Water	scalar *Visual >0.8	NEG	---	---
Free Water	scalar *Visual	NEG	---	---



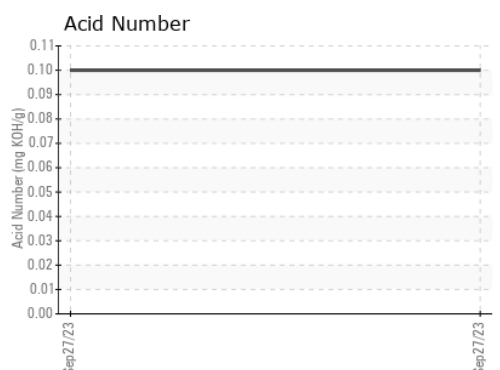
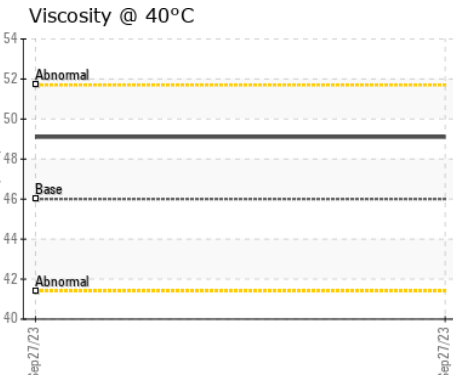
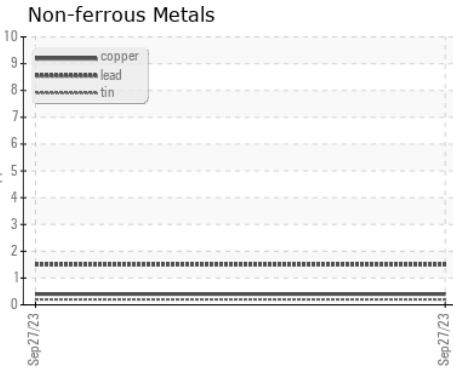
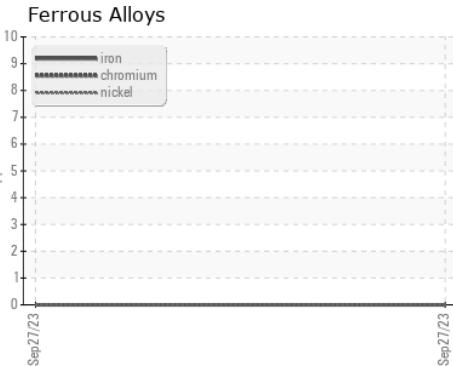
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 46	49.1	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH05982443 **Received** : 18 Oct 2023
Lab Number : 05982443 **Diagnosed** : 20 Oct 2023
Unique Number : 10699738 **Diagnostician** : Don Baldrige
Test Package : IND 2

AIR & GAS TECHNOLOGIES
 42 INDUSTRIAL DR
 CLIFFWOOD BEACH, NJ
 US 07735
 Contact: JOSEPH TORCHIA

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)

T: (732)566-7227
F: