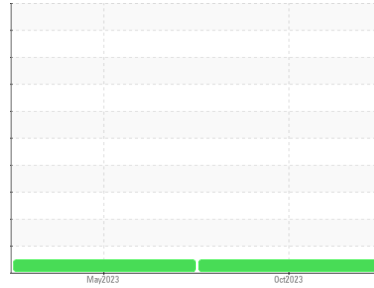




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area

**PLUS 10**

Machine Id

**ATLAS COPCO API602926 - ENOVA PARIS 1**

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>UCH06008437</b>	UCH05856767	---
Sample Date	Client Info		<b>25 Oct 2023</b>	08 May 2023	---
Machine Age	hrs	Client Info	<b>57493</b>	56527	---
Oil Age	hrs	Client Info	<b>53396</b>	1620	---
Oil Changed	Client Info		<b>N/A</b>	Not Changd	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	<b>&lt;1</b>	3	---
Chromium	ppm	ASTM D5185m >5	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m	<b>0</b>	0	---
Silver	ppm	ASTM D5185m	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m >15	<b>2</b>	4	---
Lead	ppm	ASTM D5185m >65	<b>0</b>	0	---
Copper	ppm	ASTM D5185m >65	<b>0</b>	0	---
Tin	ppm	ASTM D5185m >10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0.1	<b>0</b>	0	---
Barium	ppm	ASTM D5185m 0.8	<b>0</b>	<1	---
Molybdenum	ppm	ASTM D5185m 0	<b>0</b>	0	---
Manganese	ppm	ASTM D5185m 0.9	<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185m 0	<b>2</b>	0	---
Calcium	ppm	ASTM D5185m 0	<b>3</b>	0	---
Phosphorus	ppm	ASTM D5185m 409	<b>283</b>	345	---
Zinc	ppm	ASTM D5185m 0	<b>8</b>	17	---
Sulfur	ppm	ASTM D5185m 1290	<b>200</b>	258	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >35	<b>0</b>	3	---
Sodium	ppm	ASTM D5185m	<b>1</b>	<1	---
Potassium	ppm	ASTM D5185m >20	<b>0</b>	0	---

## FLUID DEGRADATION

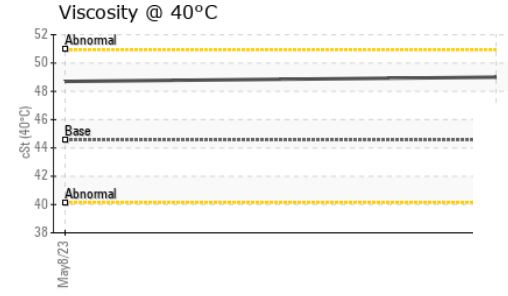
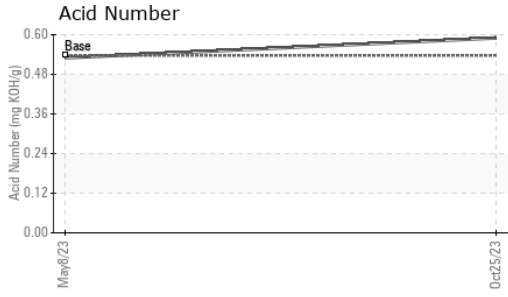
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.537	<b>0.59</b>	0.53	---

## VISUAL

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



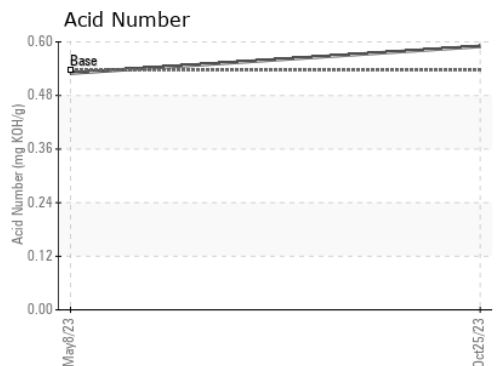
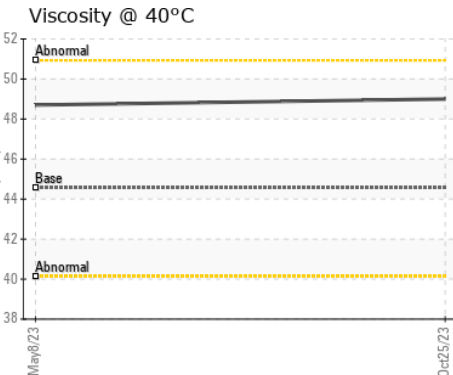
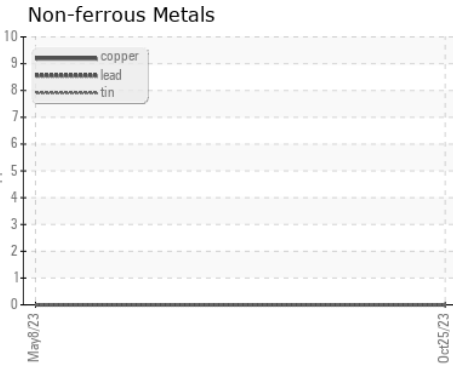
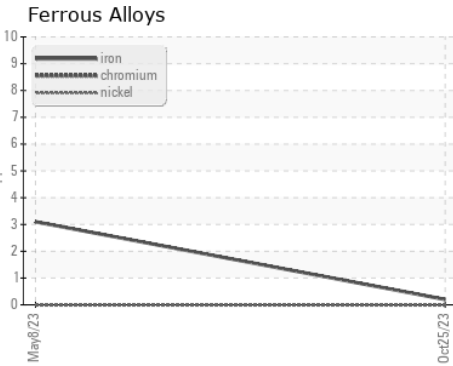
# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	44.56	<b>49.0</b>	48.7	---

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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCH06008437    **Received** : 15 Nov 2023  
**Lab Number** : 06008437    **Diagnosed** : 17 Nov 2023  
**Unique Number** : 10742199    **Diagnostician** : Don Baldrige  
**Test Package** : IND 2

**AIR TECHNOLOGIES INC (LOU)**  
 1302 N ENGLISH STATION RD  
 LOUISVILLE, KY  
 US 40223-2280  
 Contact: BRYAN BENJAMIN  
 bryan.benjamin@aircompressors.com  
 T: (502)253-6361  
 F: (502)254-2523

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)