



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Area
AIRLUBE PLUS 10
Machine Id
ATLAS COPCO API624905 - ZEOCHEM
Component
Compressor

RECOMMENDATION

The oil is near the end of its useful service life, recommend schedule an oil change. We recommend an early resample to monitor this condition.

WEAR

All component wear rates are normal.

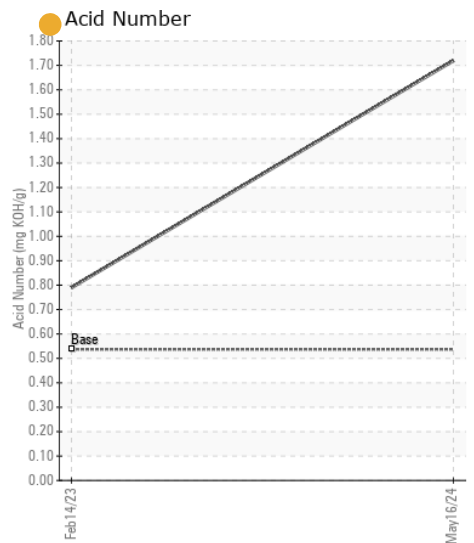
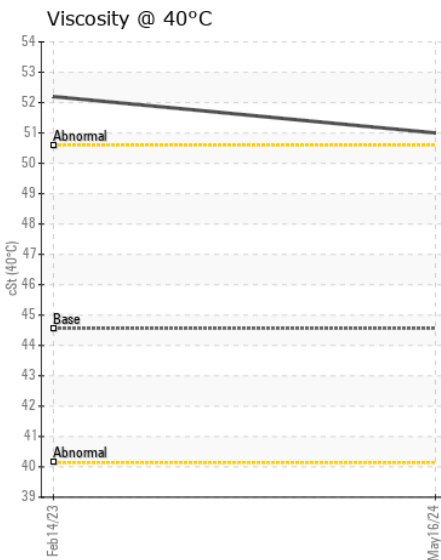
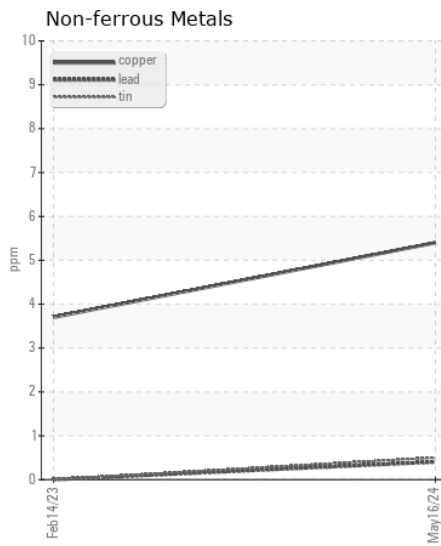
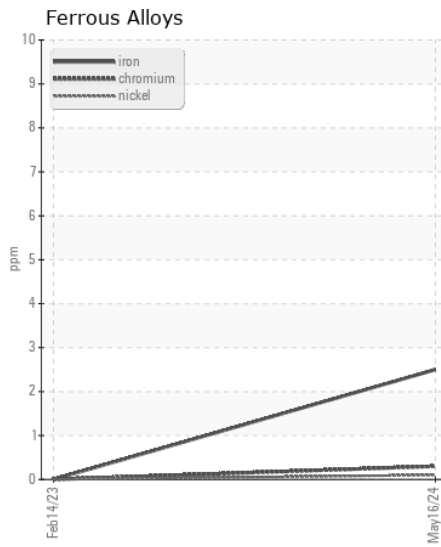
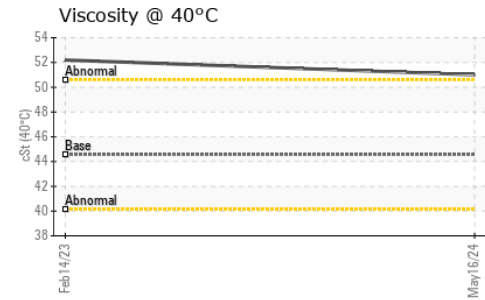
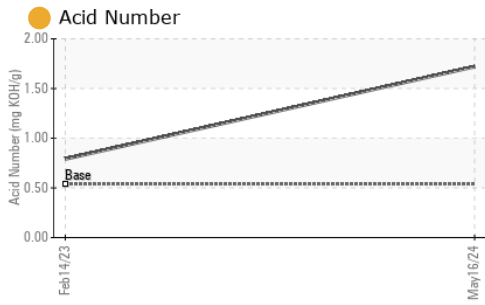
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

The AN level is at the top-end of the recommended limit.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06187812	UCH05780195	---
Sample Date		Client Info		16 May 2024	14 Feb 2023	---
Machine Age	hrs	Client Info		44839	36777	---
Oil Age	hrs	Client Info		3590	4083	---
Filter Age	hrs	Client Info		3590	4083	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		Not Changd	Not Changd	---
Sample Status				ATTENTION	NORMAL	---
Iron	ppm	ASTM D5185m	>50	2	0	---
Chromium	ppm	ASTM D5185m	>5	<1	0	---
Nickel	ppm	ASTM D5185m		<1	0	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m	>15	3	0	---
Lead	ppm	ASTM D5185m	>65	<1	0	---
Copper	ppm	ASTM D5185m	>65	5	4	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	MODER	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>35	<1	0	---
Potassium	ppm	ASTM D5185m	>20	2	0	---
Water		WC Method	>0.1	NEG	NEG	---
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	>0.1	NEG	NEG	---
Sodium	ppm	ASTM D5185m		2	<1	---
Boron	ppm	ASTM D5185m	0.1	0	0	---
Barium	ppm	ASTM D5185m	0.8	21	0	---
Molybdenum	ppm	ASTM D5185m	0	0	0	---
Manganese	ppm	ASTM D5185m	0.9	0	<1	---
Magnesium	ppm	ASTM D5185m	0	<1	2	---
Calcium	ppm	ASTM D5185m	0	4	0	---
Phosphorus	ppm	ASTM D5185m	409	194	22	---
Zinc	ppm	ASTM D5185m	0	16	0	---
Sulfur	ppm	ASTM D5185m	1290	56	0	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.537	1.72	0.79	---
Visc @ 40°C	cSt	ASTM D445	44.56	51.0	52.2	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06187812
Lab Number : 06187812
Unique Number : 11044564
Test Package : IND 2

Received : 22 May 2024
Tested : 23 May 2024
Diagnosed : 24 May 2024 - Don Baldrige

AIR TECHNOLOGIES INC (LOU)
 1302 N ENGLISH STATION RD
 LOUISVILLE, KY
 US 40223-2280

Contact: BRYAN BENJAMIN
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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)

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