



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	ATTENTION

Area
ACI-46
Machine Id

ATLAS COPCO API669329 - HOUFF WEYERS

Component
Compressor

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. We recommend an early resample in 500 hours to monitor this condition.

WEAR

All component wear rates are normal.

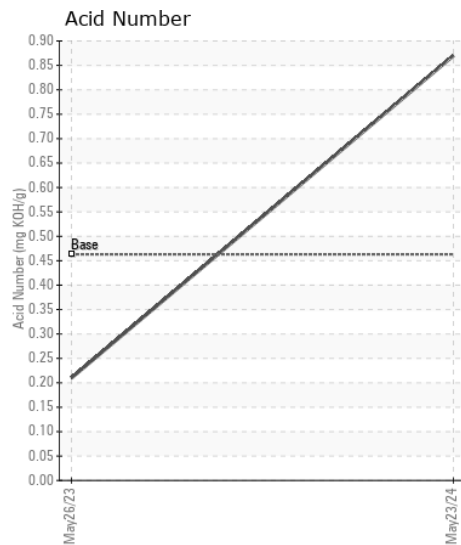
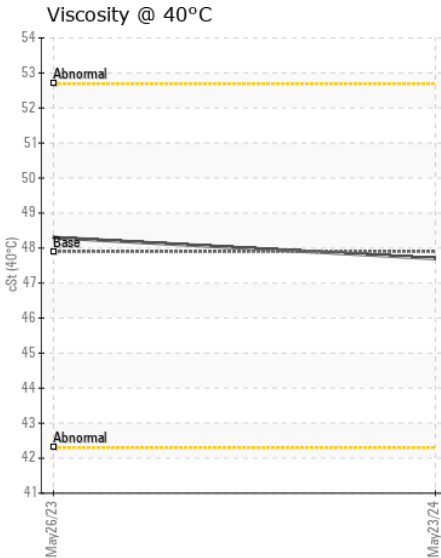
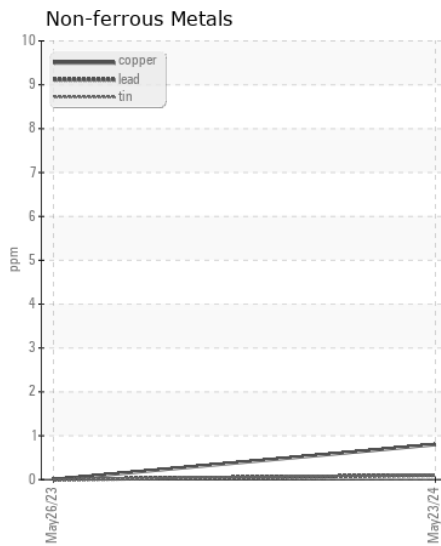
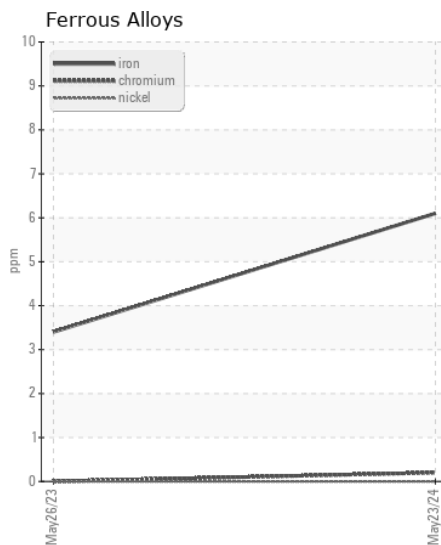
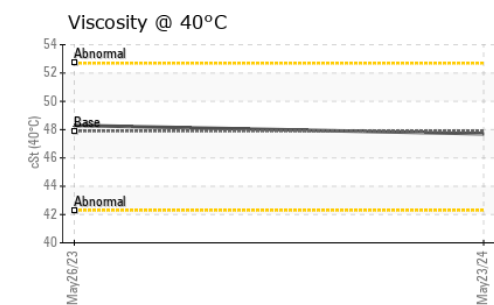
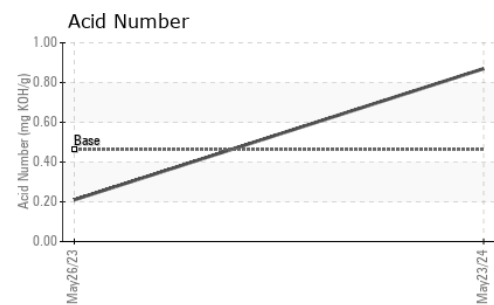
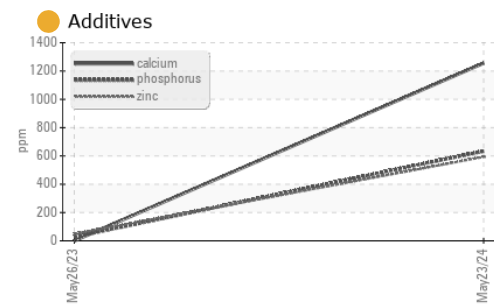
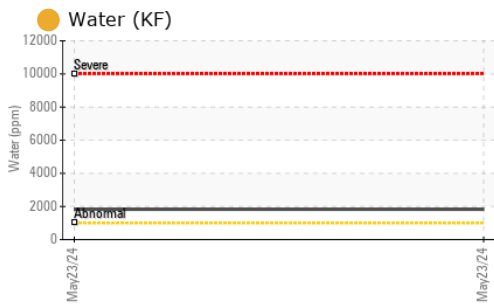
CONTAMINATION

There is a moderate amount of visible silt present in the sample. There is a light concentration of water present in the oil.

FLUID CONDITION

Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UAC06197738	UCH05864447	---
Sample Date		Client Info		23 May 2024	26 May 2023	---
Machine Age	hrs	Client Info		15799	15139	---
Oil Age	hrs	Client Info		660	0	---
Filter Age	hrs	Client Info		660	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				ATTENTION	NORMAL	---
Iron	ppm	ASTM D5185m	>50	6	3	---
Chromium	ppm	ASTM D5185m	>5	<1	0	---
Nickel	ppm	ASTM D5185m		0	0	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>15	4	0	---
Lead	ppm	ASTM D5185m	>65	<1	0	---
Copper	ppm	ASTM D5185m	>65	<1	0	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>35	4	<1	---
Potassium	ppm	ASTM D5185m	>20	10	<1	---
Water	%	ASTM D6304	>0.1	0.183	---	---
ppm Water	ppm	ASTM D6304	>1000	1830	---	---
Silt	scalar	*Visual	NONE	MODER	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	0.2%	NEG	---
Sodium	ppm	ASTM D5185m		37	2	---
Boron	ppm	ASTM D5185m	1.5	0	0	---
Barium	ppm	ASTM D5185m	0	1	0	---
Molybdenum	ppm	ASTM D5185m	0	9	0	---
Manganese	ppm	ASTM D5185m	0.3	0	<1	---
Magnesium	ppm	ASTM D5185m	0	30	<1	---
Calcium	ppm	ASTM D5185m	0	1256	0	---
Phosphorus	ppm	ASTM D5185m	406	634	27	---
Zinc	ppm	ASTM D5185m	0	593	48	---
Sulfur	ppm	ASTM D5185m	1283	2948	65	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.463	0.87	0.21	---
Visc @ 40°C	cSt	ASTM D445	47.9	47.7	48.3	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UAC06197738 **Received** : 03 Jun 2024
Lab Number : 06197738 **Tested** : 07 Jun 2024
Unique Number : 11059861 **Diagnosed** : 07 Jun 2024 - Don Baldrige
Test Package : IND 2 (Additional Tests: KF)

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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)