



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Area  
**DPO [8328]**  
 Machine Id  
**KAESER 1470 - ALMACO**  
 Component  
**Compressor**

## RECOMMENDATION

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

## WEAR

All component wear rates are normal.

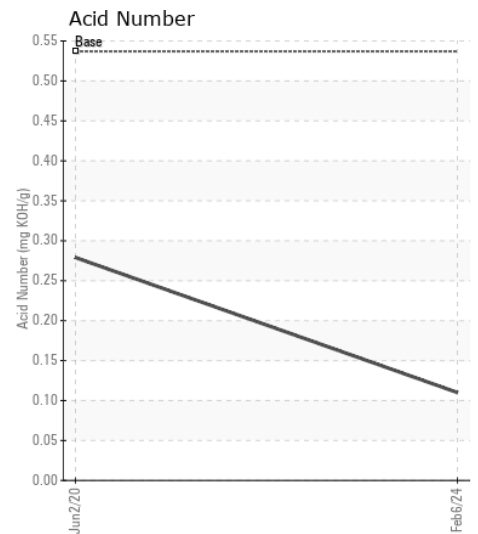
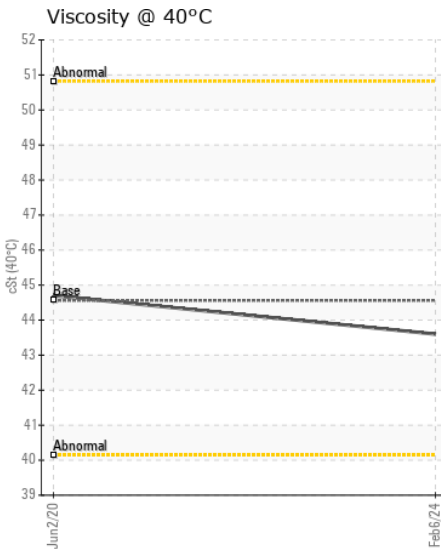
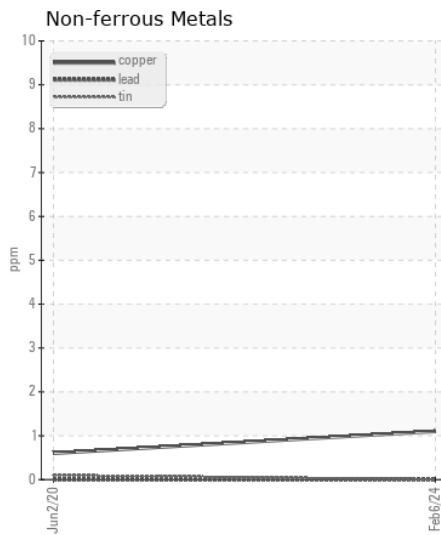
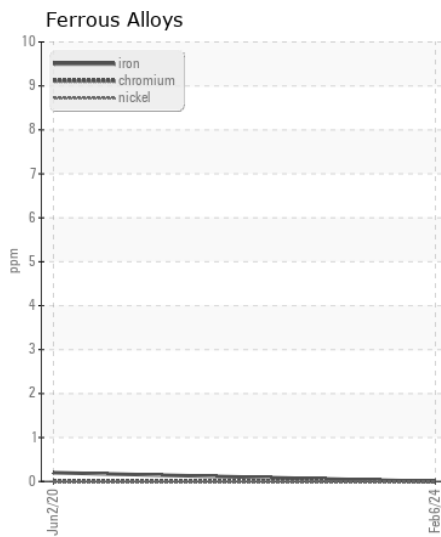
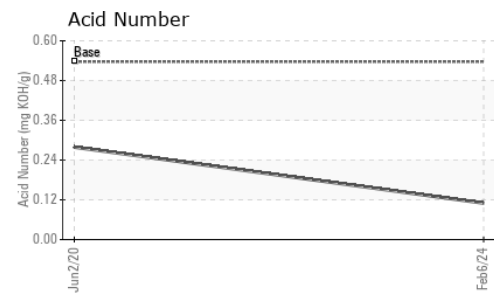
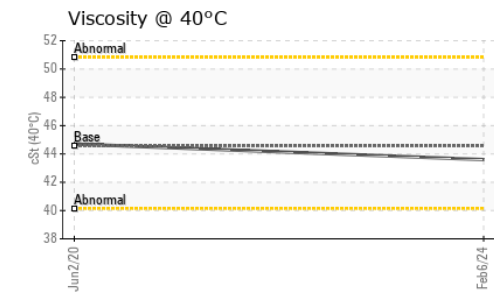
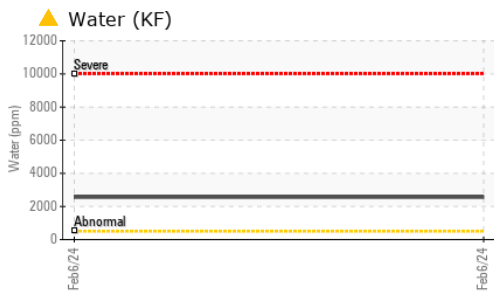
## CONTAMINATION

There is a light concentration of water present in the oil. Free water present.

## FLUID CONDITION

The AN level is acceptable for this fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06086162	UCH04992785	---
Sample Date		Client Info		06 Feb 2024	02 Jun 2020	---
Machine Age	hrs	Client Info		39461	29663	---
Oil Age	hrs	Client Info		7602	997	---
Filter Age	hrs	Client Info		7602	997	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		Changed	Not Changd	---
Sample Status				ATTENTION	NORMAL	---
Iron	ppm	ASTM D5185m	>50	0	<1	---
Chromium	ppm	ASTM D5185m	>10	0	0	---
Nickel	ppm	ASTM D5185m	>3	0	0	---
Titanium	ppm	ASTM D5185m	>3	0	0	---
Silver	ppm	ASTM D5185m	>2	0	0	---
Aluminum	ppm	ASTM D5185m	>10	<1	1	---
Lead	ppm	ASTM D5185m	>10	0	0	---
Copper	ppm	ASTM D5185m	>50	1	<1	---
Tin	ppm	ASTM D5185m	>10	0	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>25	0	<1	---
Potassium	ppm	ASTM D5185m	>20	0	0	---
Water	%	ASTM D6304	>0.05	▲ 0.256	---	---
ppm Water	ppm	ASTM D6304	>500	▲ 2560	---	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	VLITE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.05	▲ 0.2%	NEG	---
Sodium	ppm	ASTM D5185m		0	0	---
Boron	ppm	ASTM D5185m	0.1	0	0	---
Barium	ppm	ASTM D5185m	0.8	<1	0	---
Molybdenum	ppm	ASTM D5185m	0	0	0	---
Manganese	ppm	ASTM D5185m	0.9	0	<1	---
Magnesium	ppm	ASTM D5185m	0	0	<1	---
Calcium	ppm	ASTM D5185m	0	<1	0	---
Phosphorus	ppm	ASTM D5185m	409	263	233	---
Zinc	ppm	ASTM D5185m	0	28	24	---
Sulfur	ppm	ASTM D5185m	1290	563	789	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.537	0.11	0.279	---
Visc @ 40°C	cSt	ASTM D445	44.56	43.6	44.7	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : UCH06086162

**Lab Number** : 06086162

**Unique Number** : 10873607

**Test Package** : IND 2 ( Additional Tests: KF )

**Received** : 12 Feb 2024

**Tested** : 13 Feb 2024

**Diagnosed** : 13 Feb 2024 - Don Baldrige

**DELTA INDUSTRIES - CEDAR RAPIDS**

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US 52404

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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)