



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Area
ULTRACLEAN
Machine Id
GARDNER DENVER S467931 - CARGILL
Component
Compressor

RECOMMENDATION

Recommend drain oil if not already done and flush with cleaner before refilling with oil. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06152100	---	---
Sample Date		Client Info		03 Apr 2024	---	---
Machine Age	hrs	Client Info		70004	---	---
Oil Age	hrs	Client Info		20	---	---
Filter Age	hrs	Client Info		20	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ATTENTION	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	11	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
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	0	---	---
Copper	ppm	ASTM D5185m	>50	0	---	---
Tin	ppm	ASTM D5185m	>15	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

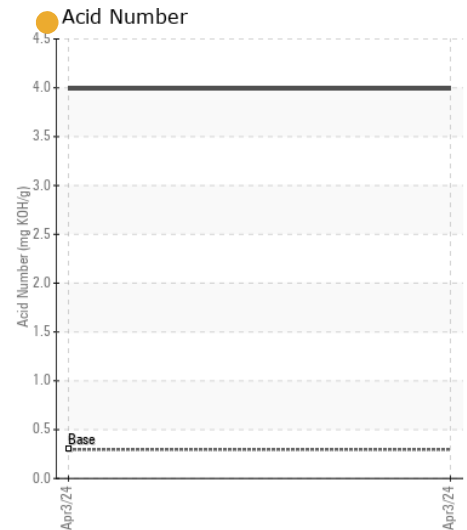
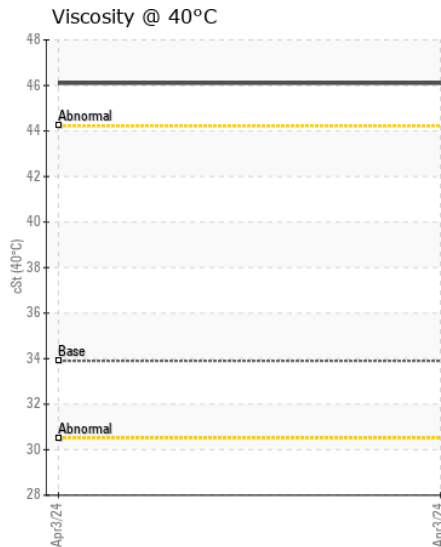
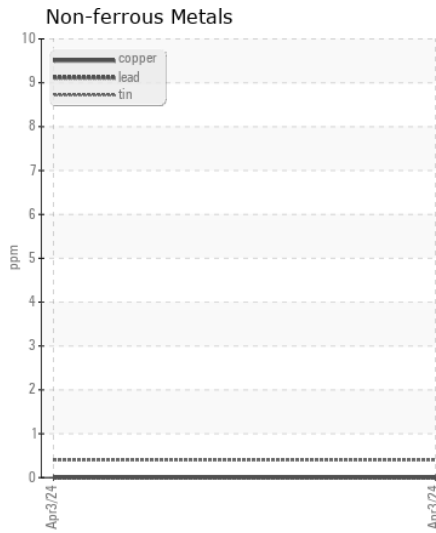
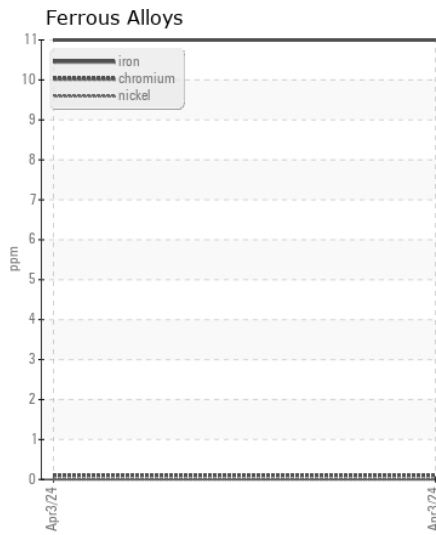
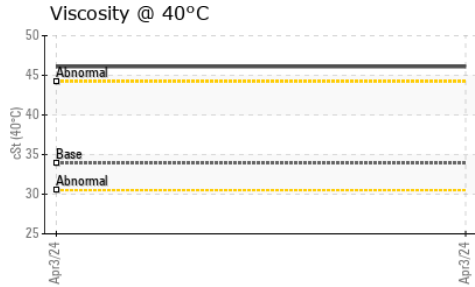
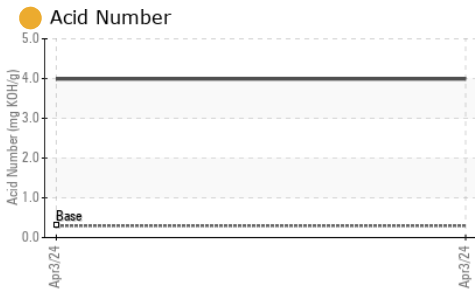
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	0	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---
Water		WC Method	>0.1	NEG	---	---
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	>0.1	NEG	---	---

FLUID CONDITION

The AN level is above the recommended limit. TAN level indicates possible presence of varnish.

Sodium	ppm	ASTM D5185m		2	---	---
Boron	ppm	ASTM D5185m		0	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		0	---	---
Magnesium	ppm	ASTM D5185m		0	---	---
Calcium	ppm	ASTM D5185m		1	---	---
Phosphorus	ppm	ASTM D5185m	287	88	---	---
Zinc	ppm	ASTM D5185m		5	---	---
Sulfur	ppm	ASTM D5185m	270	90	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.296	3.99	---	---
Visc @ 40°C	cSt	ASTM D445	33.9	46.1	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06152100 **Received** : 17 Apr 2024
Lab Number : 06152100 **Tested** : 19 Apr 2024
Unique Number : 10982178 **Diagnosed** : 22 Apr 2024 - Jonathan Hester
Test Package : IND 2

AIR HANDLING EQUIPMENT INC
 1389 RIVERSIDE DR
 SIDNEY, OH
 US 45365
 Contact: ANGIE ROSENBECK
 angie@ahequip.net
 T: (937)658-6266
 F: (937)492-3147

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)