



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	ATTENTION

Area
ULTRACLEAN [124802]
Machine Id
GARDNER DENVER S467931 - CARGILL
Component
Compressor

RECOMMENDATION

We advise that you check for a possible overheat condition. The oil 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.

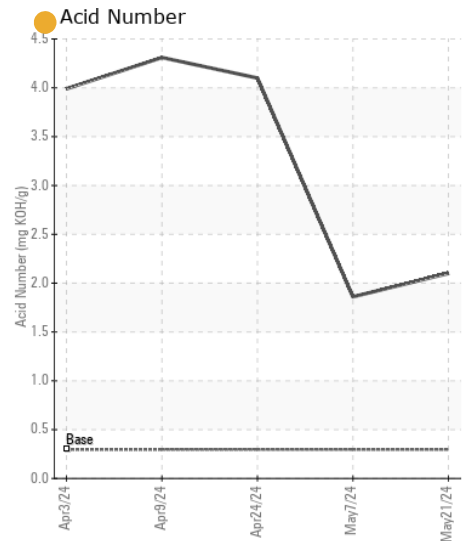
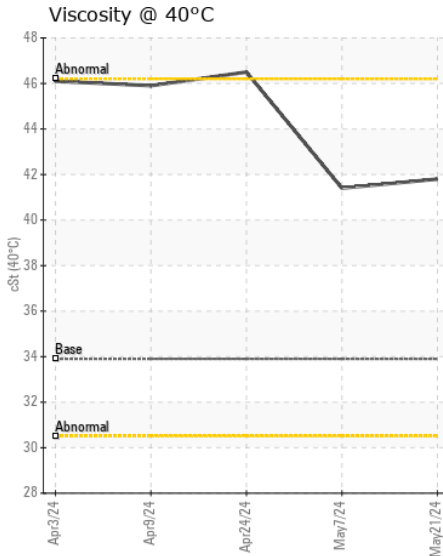
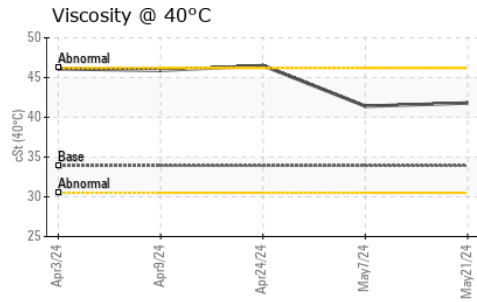
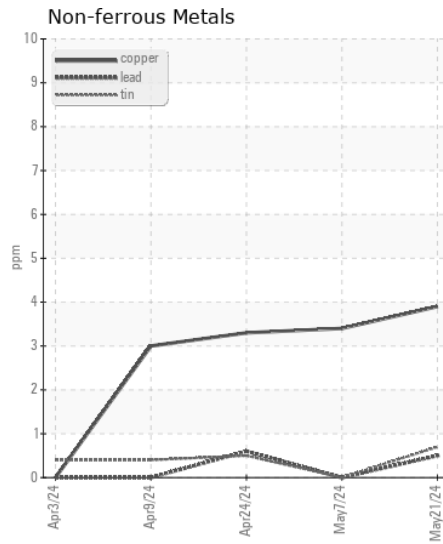
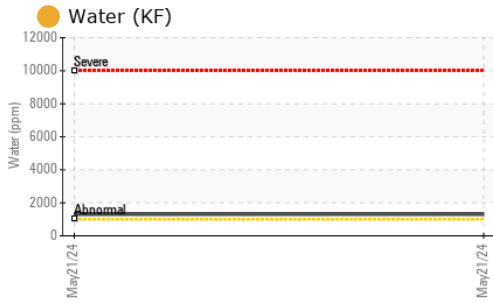
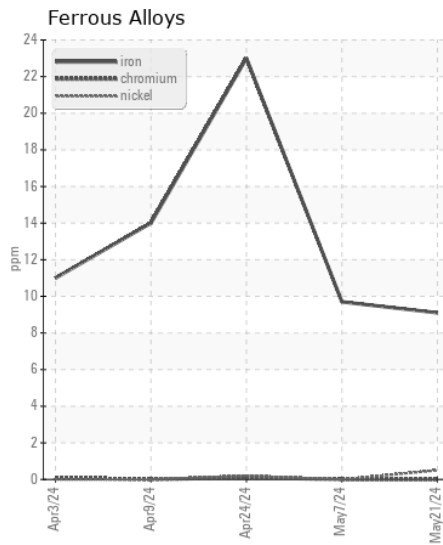
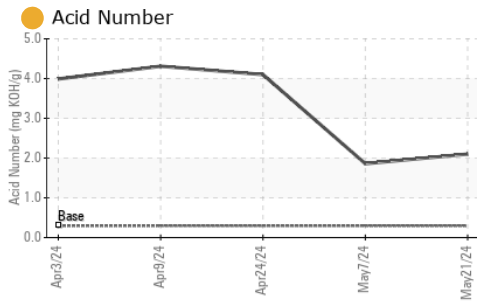
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06189367	UCH06175606	UCH06167576
Sample Date		Client Info		21 May 2024	07 May 2024	24 Apr 2024
Machine Age	hrs	Client Info		71033	70700	70444
Oil Age	hrs	Client Info		0	226	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Changed
Filter Changed		Client Info		N/A	Not Changd	Changed
Sample Status				ATTENTION	ATTENTION	ATTENTION
Iron	ppm	ASTM D5185m	>50	9	10	23
Chromium	ppm	ASTM D5185m	>10	0	0	<1
Nickel	ppm	ASTM D5185m		<1	0	<1
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	0	2
Lead	ppm	ASTM D5185m	>25	<1	0	<1
Copper	ppm	ASTM D5185m	>50	4	3	3
Tin	ppm	ASTM D5185m	>15	<1	0	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	<1	0	<1
Potassium	ppm	ASTM D5185m	>20	2	<1	2
Water	%	ASTM D6304	>0.1	0.130	---	---
ppm Water	ppm	ASTM D6304	>1000	1300	---	---
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	0.2%	NEG	NEG
Sodium	ppm	ASTM D5185m		5	4	6
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		3	20	0
Molybdenum	ppm	ASTM D5185m		0	0	<1
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m		0	<1	2
Calcium	ppm	ASTM D5185m		0	0	3
Phosphorus	ppm	ASTM D5185m	287	35	29	90
Zinc	ppm	ASTM D5185m		8	12	13
Sulfur	ppm	ASTM D5185m	270	59	40	12
Acid Number (AN)	mg KOH/g	ASTM D8045	0.296	2.10	1.86	4.10
Visc @ 40°C	cSt	ASTM D445	33.9	41.8	41.4	46.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06189367 **Received** : 23 May 2024
Lab Number : 06189367 **Tested** : 28 May 2024
Unique Number : 11046119 **Diagnosed** : 28 May 2024 - Don Baldrige
Test Package : IND 2 (Additional Tests: KF)

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 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)