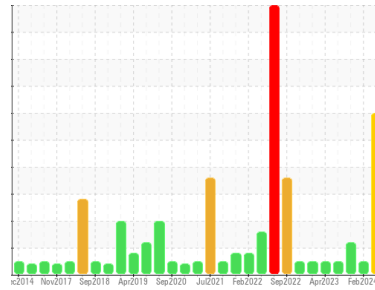




PROBLEM SUMMARY

Sample Rating Trend

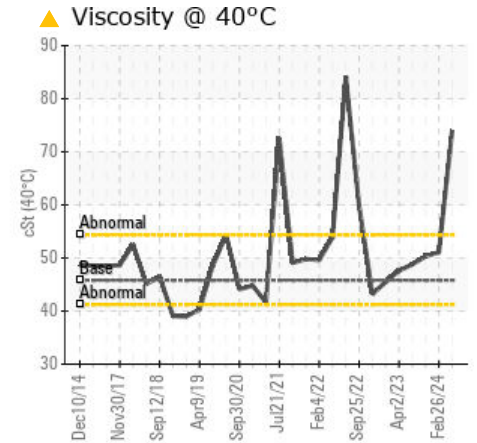
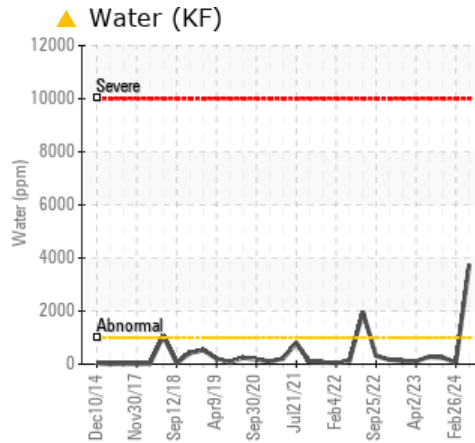
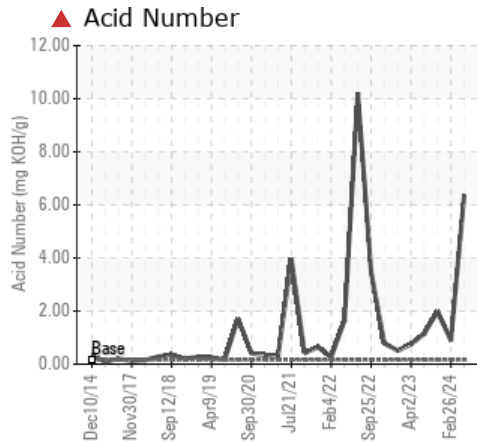


DEGRADATION



Machine Id
GARDNER DENVER 5 (S/N S582590)
 Component
Compressor
 Fluid
USPI MAX FG AIR 46 (--- GAL)

COMPONENT CONDITION SUMMARY



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. We were unable to perform a particle count due to a high concentration of particles present in this sample. Please note that this is a corrected copy for laboratory data update for chlorine.

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	NORMAL	ATTENTION
Water	%	ASTM D6304	>0.1	▲ 0.375	0.005	0.024
ppm Water	ppm	ASTM D6304	>1000	▲ 3750	60	247.5
Acid Number (AN)	mg KOH/g	ASTM D8045	0.16	▲ 6.369	0.89	● 1.98
Silt	scalar	*Visual	NONE	▲ HEAVY	NONE	NONE
Visc @ 40°C	cSt	ASTM D445	45.8	▲ 74.0	51.1	50.3

Customer Id: CARFORCO
 Sample No.: USPM36352
 Lab Number: 06197649
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Doug Bogart +1 (800)237-1369 x4016
dougb@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid	---	---	?	Recommend drain oil if not already done and flush with cleaner before refilling with oil.
Flush System	---	---	?	Recommend drain oil if not already done and flush with cleaner before refilling with oil.
Resample	---	---	?	We recommend an early resample to monitor this condition.
Alert	---	---	?	We were unable to perform a particle count due to a high concentration of particles present in this sample.

HISTORICAL DIAGNOSIS

NORMAL



26 Feb 2024 Diag: Doug Bogart

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The amount and size of particulates present in the system is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



DEGRADATION



19 Jul 2023 Diag: Doug Bogart

The oil is near the end of its useful service life, recommend schedule an oil change. Resample at the next service interval to monitor. All component wear rates are normal. Chlorine measured at 72 ppm. The amount and size of particulates present in the system are acceptable. The AN level is at the top-end of the recommended limit. Confirmed.

view report



NORMAL



15 Jun 2023 Diag: Doug Bogart

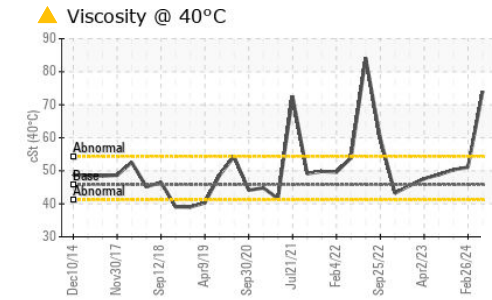
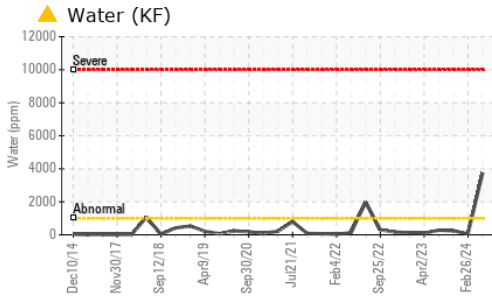
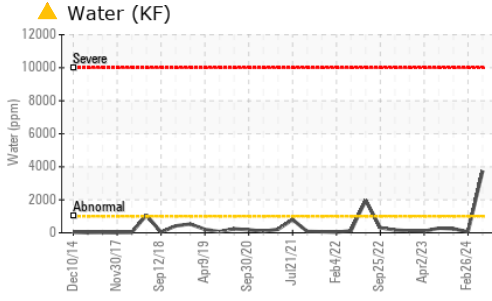
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report





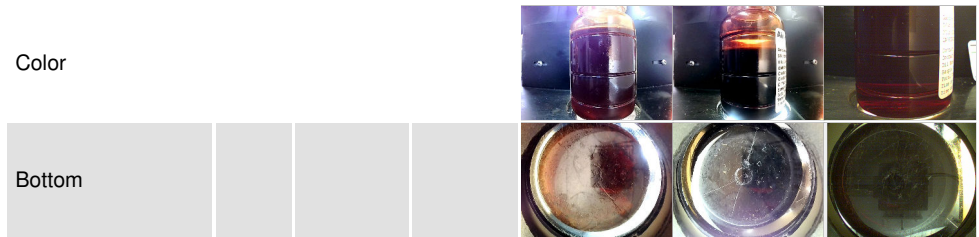
OIL ANALYSIS REPORT



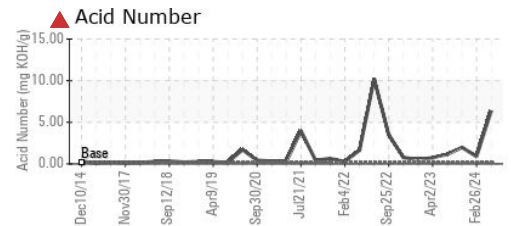
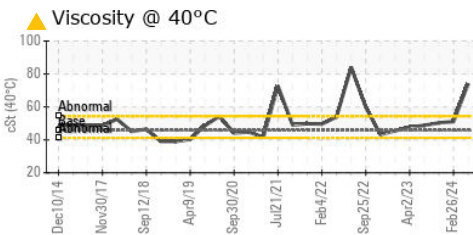
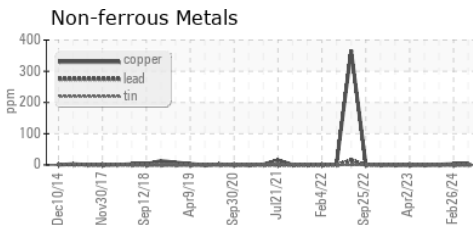
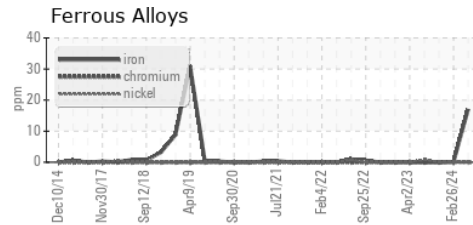
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	▲ HEAVY	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	0.2%	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	45.8	▲ 74.0	51.1

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : USPM36352 **Received** : 03 Jun 2024
Lab Number : 06197649 **Tested** : 10 Jun 2024
Unique Number : 11059772 **Diagnosed** : 10 Jun 2024 - Doug Bogart
Test Package : IND 2 (Additional Tests: CHLORINEXRF)

CARGILL
 FORT MORGAN, CO
 US
 Contact:

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)

T:
F: