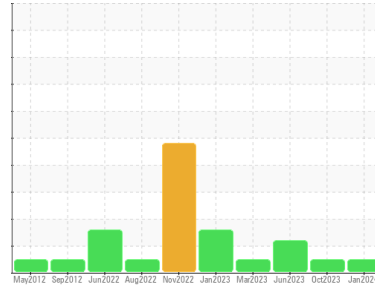




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
GARDNER DENVER 3277 (S/N S041358)

Component
Compressor

Fluid
ULTRACHEM PO 4010 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0897617	WC0865856	WC0832444
Sample Date	Client Info	12 Jan 2024	05 Oct 2023	23 Jun 2023
Machine Age	hrs	17561	17252	16925
Oil Age	hrs	15560	15560	15560
Oil Changed	Client Info	N/A	N/A	Oil Added
Sample Status		NORMAL	NORMAL	ABNORMAL

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m >50	4	29	10
Chromium	ppm	ASTM D5185m >10	<1	0	0
Nickel	ppm	ASTM D5185m	0	0	<1
Titanium	ppm	ASTM D5185m	0	<1	0
Silver	ppm	ASTM D5185m	0	0	<1
Aluminum	ppm	ASTM D5185m >25	2	0	0
Lead	ppm	ASTM D5185m >25	0	0	0
Copper	ppm	ASTM D5185m >50	0	0	<1
Tin	ppm	ASTM D5185m >15	0	0	0
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m 0	0	0	0
Barium	ppm	ASTM D5185m 0.4	3	1	0
Molybdenum	ppm	ASTM D5185m 0.5	0	0	0
Manganese	ppm	ASTM D5185m 0.4	0	0	0
Magnesium	ppm	ASTM D5185m 0	0	3	0
Calcium	ppm	ASTM D5185m 0.3	<1	0	0
Phosphorus	ppm	ASTM D5185m 1376	796	614	671
Zinc	ppm	ASTM D5185m 0	0	4	7
Sulfur	ppm	ASTM D5185m 320	1313	971	772

CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >25	2	5	14
Sodium	ppm	ASTM D5185m	0	2	0
Potassium	ppm	ASTM D5185m >20	1	0	1
Water	%	ASTM D6304 >0.1	NEG	NEG	NEG

FLUID DEGRADATION

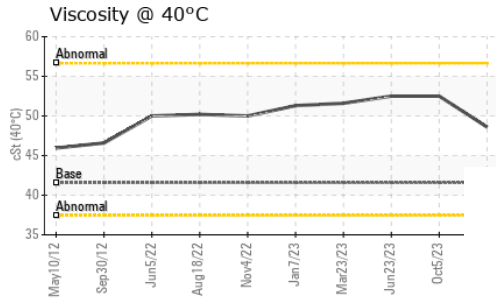
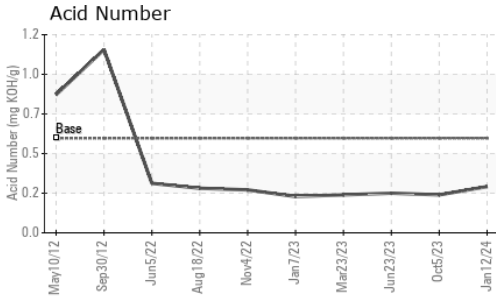
method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D8045 0.573	0.28	0.23	0.24

VISUAL

method	limit/base	current	history1	history2	
White Metal	scalar	*Visual NONE	NONE	NONE	▲ MODER
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	LIGHT	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	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	Submitted By: DARRIN SMITH	NEG

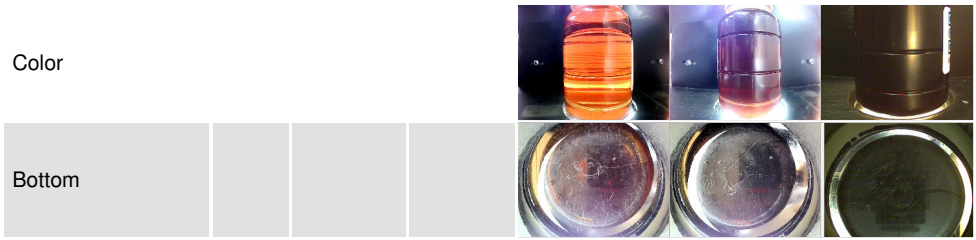


OIL ANALYSIS REPORT

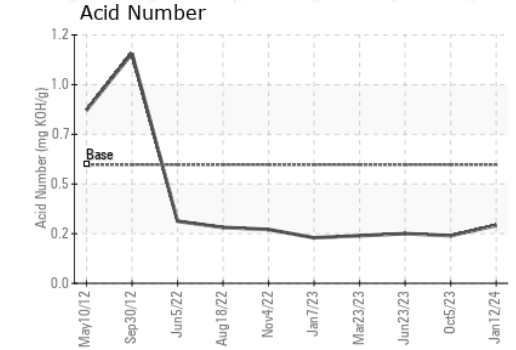
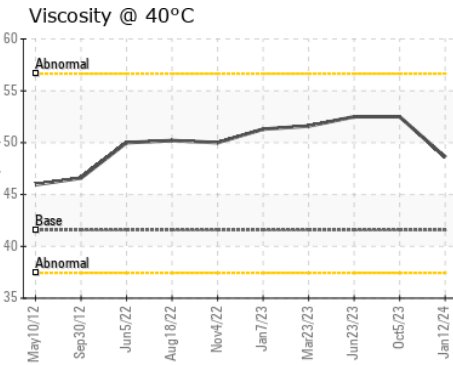
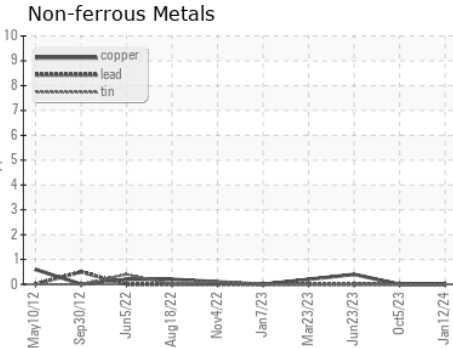
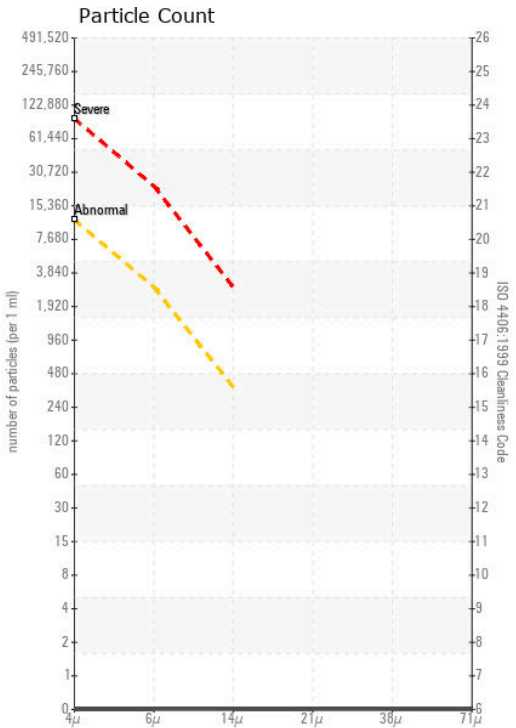
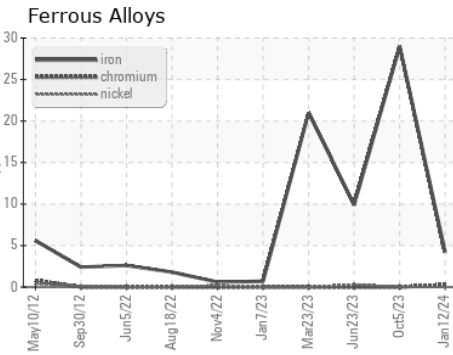


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	41.57	48.6	52.5	52.5

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. : WC0897617 **Received** : 17 Jan 2024
Lab Number : **06063538** **Diagnosed** : 19 Jan 2024
Unique Number : 10834920 **Diagnostician** : Jonathan Hester
Test Package : PLANT

EATON CORP - ROXBORO
 2564 DURHAM RD
 ROXBORO, NC
 US 27573

Contact: **DARIAN SMITH**
 darianbsmith@eaton.com;darian.smith78@gmail.com

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: