



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area

[9381690]

Machine Id

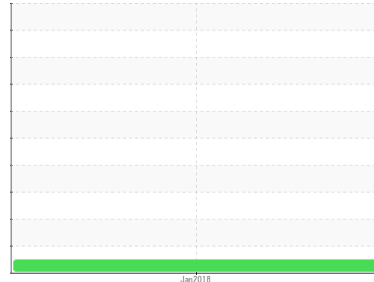
GARDNER DENVER C-9 (S/N D163121)

Component

Compressor

Fluid

GARDNER DENVER AEON 9000 SP (--- 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 component. The amount and size of particulates present in the system is acceptable.

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	history 1	history 2
Sample Number	Client Info		WCI2327639	---	---
Sample Date	Client Info		24 Jan 2018	---	---
Machine Age	hrs	Client Info	646	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

WEAR METALS

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

ADDITIVES

	method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m 0	2	---	---
Barium	ppm	ASTM D5185m 0	2	---	---
Molybdenum	ppm	ASTM D5185m 0	0	---	---
Manganese	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m 0	1	---	---
Calcium	ppm	ASTM D5185m 0	2	---	---
Phosphorus	ppm	ASTM D5185m 800	716	---	---
Zinc	ppm	ASTM D5185m 0	3	---	---
Sulfur	ppm	ASTM D5185m 0	48	---	---

CONTAMINANTS

	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m >25	<1	---	---
Sodium	ppm	ASTM D5185m	3	---	---
Potassium	ppm	ASTM D5185m >20	2	---	---

FLUID CLEANLINESS

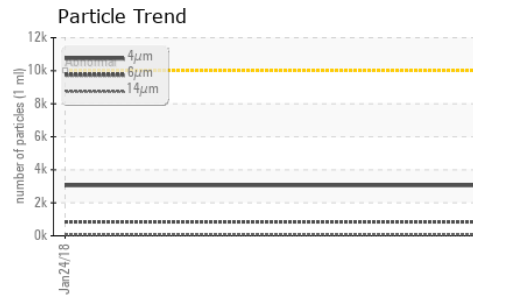
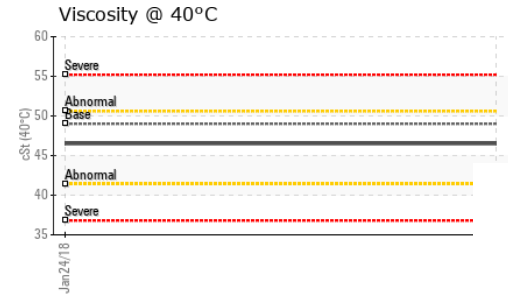
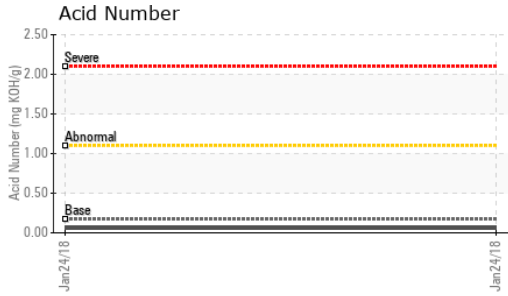
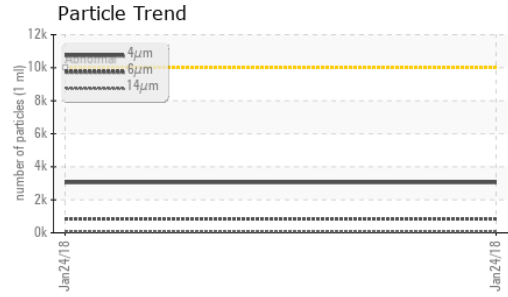
	method	limit/base	current	history 1	history 2
Particles >4µm	ASTM D7647	>10000	3051	---	---
Particles >6µm	ASTM D7647	>2500	846	---	---
Particles >14µm	ASTM D7647	>320	71	---	---
Particles >21µm	ASTM D7647	>80	17	---	---
Particles >38µm	ASTM D7647	>20	2	---	---
Particles >71µm	ASTM D7647	>4	0	---	---
Oil Cleanliness	ISO 4406 (c)	>20/18/15	19/17/13	---	---

FLUID DEGRADATION

	method	limit/base	current	history 1	history 2
Acid Number (AN)	mg KOH/g	ASTM D8045 .170	0.059	---	---



OIL ANALYSIS REPORT



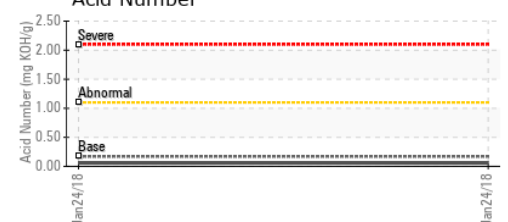
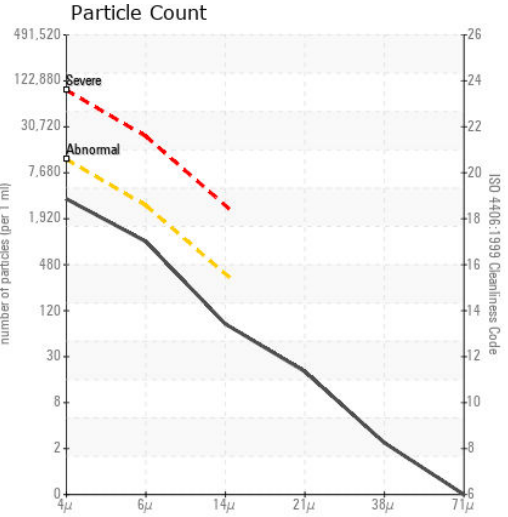
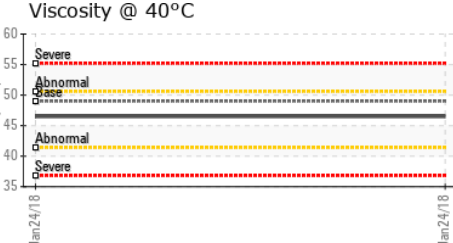
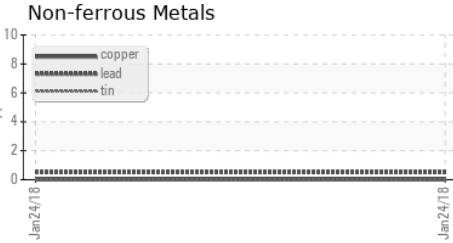
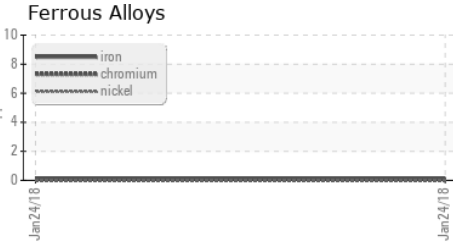
VISUAL	method	limit/base	current	history 1	history 2
White Metal	scalar	*Visual	NONE	VLITE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D445	49.01	46.51	---

SAMPLE IMAGES	method	limit/base	current	history 1	history 2
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Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC12327639 **Received** : 22 Feb 2018
Lab Number : 04413729 **Diagnosed** : 23 Feb 2018
Unique Number : 8107433 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: PrtCount)

2290 CALLAHAN RD
 LONGVIEW, TX
 US 75607
 Contact: ROB WALLIN
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 F: (903)758-9521

Certificate L2367
 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)