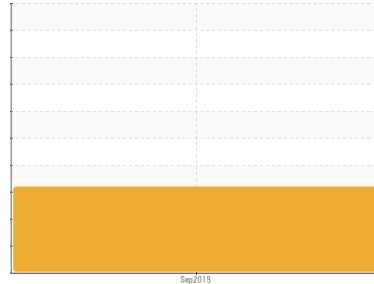




PROBLEM SUMMARY

Area
[10664528]
 Machine Id
INGERSOLL RAND SSR-UP6-30-125 100 C-1 (S/N CBV231518)
 Component
Compressor
 Fluid
COMPRESSOR OIL (PAG) ISO 46 (--- GAL)

Sample Rating Trend

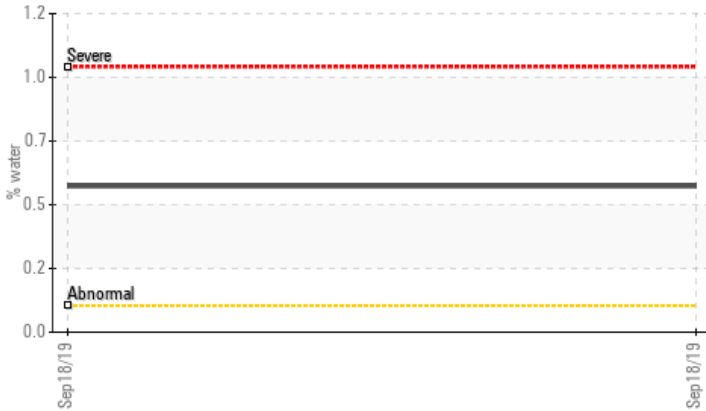


WATER

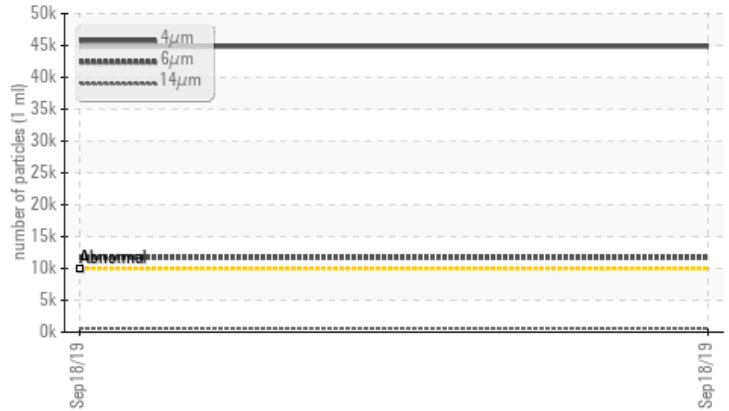


COMPONENT CONDITION SUMMARY

▲ Water



▲ Particle Trend



RECOMMENDATION

We advise that you follow the water drain-off procedure for this component. We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Water	%	ASTM D6304	>0.1	▲ 0.550	---	---
ppm Water	ppm	ASTM D6304	>1000	▲ 5500	---	---
Particles >4µm		ASTM D7647	>10000	▲ 44863	---	---
Particles >6µm		ASTM D7647	>2500	▲ 11710	---	---
Particles >14µm		ASTM D7647	>320	▲ 593	---	---
Particles >21µm		ASTM D7647	>80	▲ 109	---	---
Oil Cleanliness		ISO 4406 (c)	>20/18/15	▲ 23/21/16	---	---
Emulsified Water	scalar	*Visual	>0.1	▲ 0.2%	---	---

Customer Id: WESLONWC
 Sample No.: WCI2335370
 Lab Number: 04812120
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

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 Filter	MISSED	Jan 16 2020	?	We recommend you service the filters on this component.
Water Drain-off	MISSED	Jan 16 2020	?	We advise that you follow the water drain-off procedure for this component.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

WATER



Area

[10664528]

Machine Id

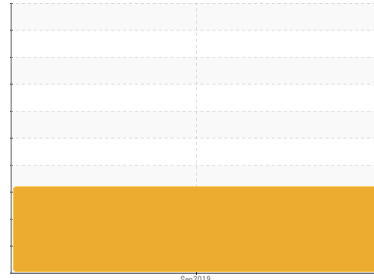
INGERSOLL RAND SSR-UP6-30-125 100 C-1 (S/N CBV231518)

Component

Compressor

Fluid

COMPRESSOR OIL (PAG) ISO 46 (--- GAL)



DIAGNOSIS

Recommendation

We advise that you follow the water drain-off procedure for this component. We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil. There is a moderate concentration of water present in the oil.

Fluid Condition

The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history 1	history 2
Sample Number	Client Info		WCI2335370	---	---
Sample Date	Client Info		18 Sep 2019	---	---
Machine Age	hrs	Client Info	14352	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m >50	1	---	---
Chromium	ppm	ASTM D5185m >5	0	---	---
Nickel	ppm	ASTM D5185m	0	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m >15	0	---	---
Lead	ppm	ASTM D5185m >65	<1	---	---
Copper	ppm	ASTM D5185m >65	4	---	---
Tin	ppm	ASTM D5185m >10	<1	---	---
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 2	4	---	---
Barium	ppm	ASTM D5185m 525	532	---	---
Molybdenum	ppm	ASTM D5185m 10	0	---	---
Manganese	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m 5	0	---	---
Calcium	ppm	ASTM D5185m 10	4	---	---
Phosphorus	ppm	ASTM D5185m 250	<1	---	---
Zinc	ppm	ASTM D5185m 100	49	---	---
Sulfur	ppm	ASTM D5185m 400	207	---	---

CONTAMINANTS

	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m >35	2	---	---
Sodium	ppm	ASTM D5185m	23	---	---
Potassium	ppm	ASTM D5185m >20	3	---	---
Water	%	ASTM D6304 >0.1	▲ 0.550	---	---
ppm Water	ppm	ASTM D6304 >1000	▲ 5500	---	---

FLUID CLEANLINESS

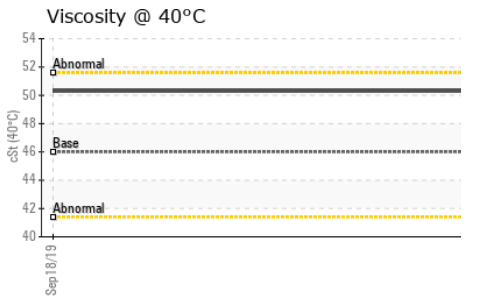
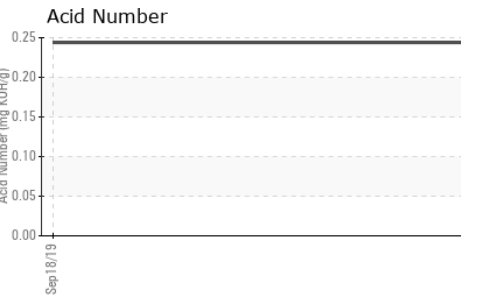
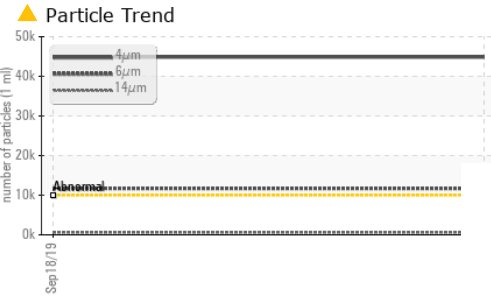
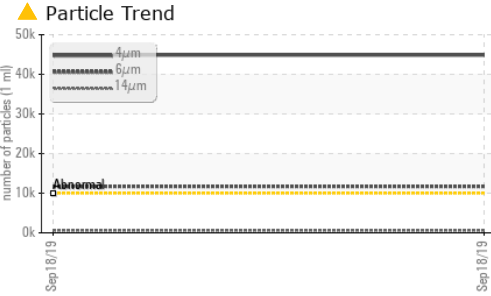
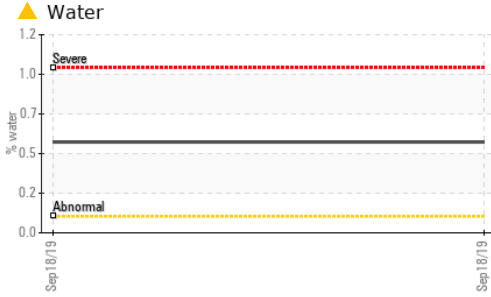
	method	limit/base	current	history 1	history 2
Particles >4µm	ASTM D7647	>10000	▲ 44863	---	---
Particles >6µm	ASTM D7647	>2500	▲ 11710	---	---
Particles >14µm	ASTM D7647	>320	▲ 593	---	---
Particles >21µm	ASTM D7647	>80	▲ 109	---	---
Particles >38µm	ASTM D7647	>20	8	---	---
Particles >71µm	ASTM D7647	>4	4	---	---
Oil Cleanliness	ISO 4406 (c)	>20/18/15	▲ 23/21/16	---	---

FLUID DEGRADATION

	method	limit/base	current	history 1	history 2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.244	---	---



OIL ANALYSIS REPORT

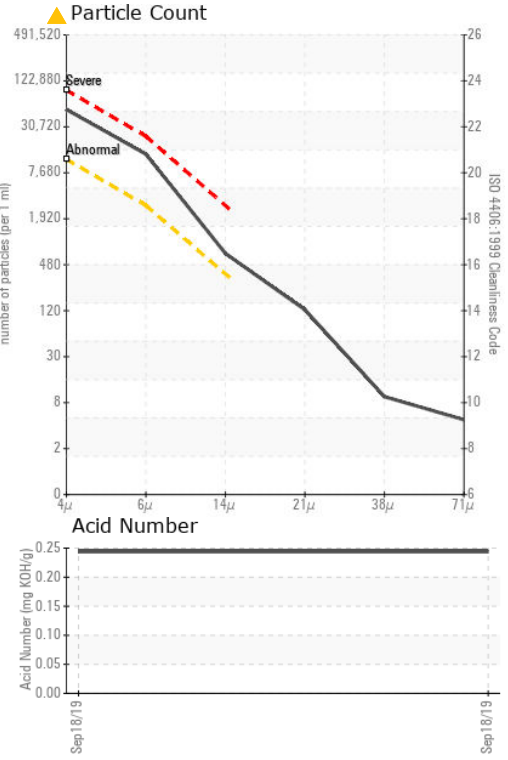
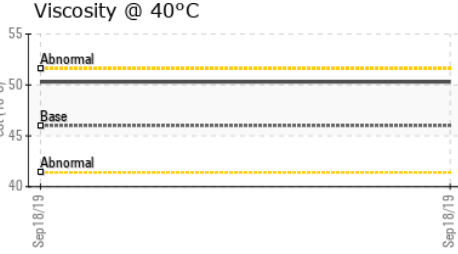
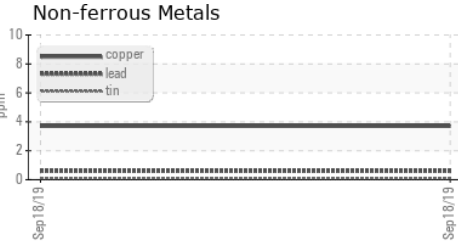
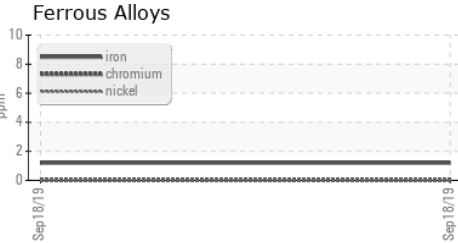


VISUAL	method	limit/base	current	history 1	history 2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	▲ 0.2%	---	---
Free Water	scalar	*Visual		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history 1	history 2	
Visc @ 40°C	cSt	ASTM D445	46	50.3	---	---

SAMPLE IMAGES	method	limit/base	current	history 1	history 2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC12335370 **Received** : 01 Oct 2019
Lab Number : 04812120 **Diagnosed** : 03 Oct 2019
Unique Number : 8761992 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: KF, PrtCount)

WESTLAKE CHEMICAL
 2290 CALLAHAN RD
 LONGVIEW, TX
 US 75607
 Contact: ROB WALLIN
 rwallin@westlake.com
 T: (903)242-7576
 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)