



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
INGERSOLL RAND COMPRESSOR 2 (S/N CA3196U06208)
 Component
Compressor
 Fluid
INGERSOLL-RAND SSR ULTRA COOLANT (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WCI2344790	WCI2295513	WCI2204840
Sample Date		Client Info		13 Jun 2020	09 Oct 2016	21 Aug 2012
Machine Age	hrs	Client Info		16790	14789	8295
Oil Age	hrs	Client Info		1412	0	33
Filter Age	hrs	Client Info		1412	0	33
Oil Changed		Client Info		Not Changd	N/A	Not Changd
Filter Changed		Client Info		Not Changd	N/A	Not Changd
Sample Status				NORMAL	ATTENTION	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	2	1	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		<1	<1	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	0	<1
Lead	ppm	ASTM D5185m	>25	<1	0	<1
Copper	ppm	ASTM D5185m	>50	2	2	<1
Tin	ppm	ASTM D5185m	>15	<1	6	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

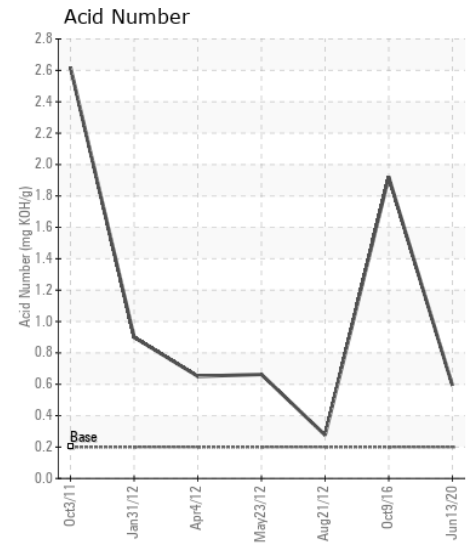
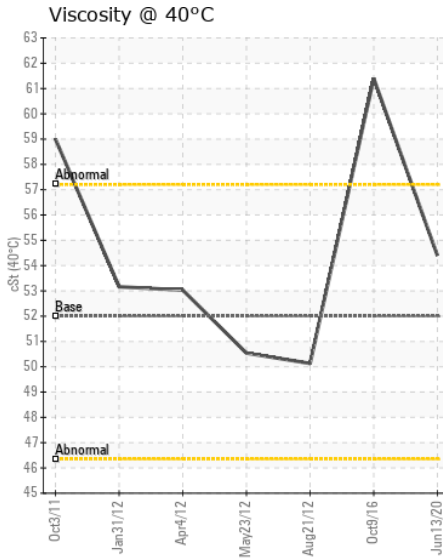
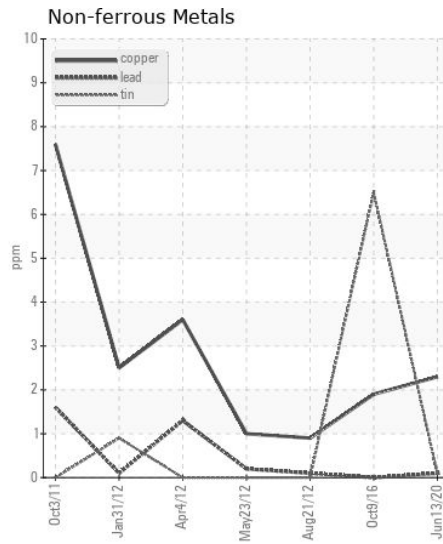
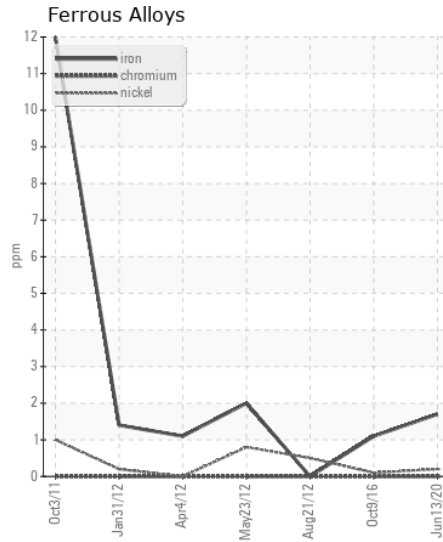
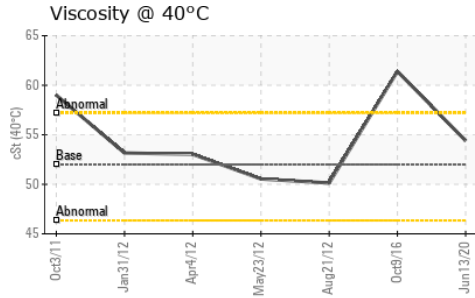
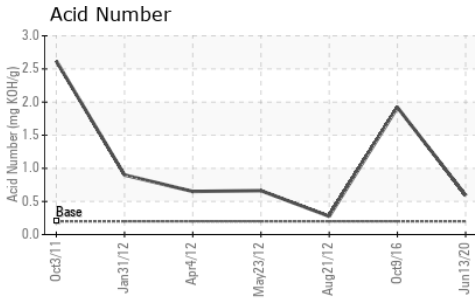
There is no indication of any contamination in the component.

Silicon	ppm	ASTM D5185m	>25	4	3	4
Potassium	ppm	ASTM D5185m	>20	2	3	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	VLITE	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

FLUID CONDITION

The condition of oil is suitable for further service.

Sodium	ppm	ASTM D5185m		25	35	10
Boron	ppm	ASTM D5185m		4	4	2
Barium	ppm	ASTM D5185m	556	655	383	759
Molybdenum	ppm	ASTM D5185m		0	0	<1
Manganese	ppm	ASTM D5185m		<1	1	0
Magnesium	ppm	ASTM D5185m		13	0	0
Calcium	ppm	ASTM D5185m	242	13	2	0
Phosphorus	ppm	ASTM D5185m	0	4	3	0
Zinc	ppm	ASTM D5185m	0	30	1	3
Sulfur	ppm	ASTM D5185m	306	166	236	248
Acid Number (AN)	mg KOH/g	ASTM D8045	0.2	0.593	1.92	0.276
Visc @ 40°C	cSt	ASTM D445	52	54.4	61.4	50.13



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : WC12344790

Lab Number : 05023175

Unique Number : 9103335

Test Package : IND 2

Received : 20 Jul 2020

Tested : 21 Jul 2020

Diagnosed : 21 Jul 2020 - Angela Borella

ARMSTRONG SERVICE ASI

100 HERO DR

AMSTERDAM, NY

US 12010

Contact: JEFF TOLEDO

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T:

F:

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)