

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

INGERSOLL RAND PG4571U08294 - CINTAS GREENVILLE

Component Compressor

INGERSOLL-RAND SSR ULTRA COOLANT (3 GAL)

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Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

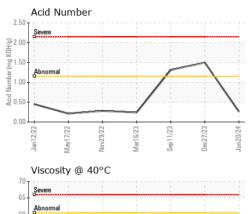
Fluid Condition

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

SAMPLE INFORM Sample Number Sample Date Machine Age Oil Age Oil Changed Sample Status CONTAMINATIO Water WEAR METALS Iron Chromium	hrs hrs	method Client Info Client Info Client Info Client Info Client Info Client Info WC Method MC Method MC Method ASTM D5185m ASTM D5185m	limit/base limit/base >0.1 limit/base >50	current WC0915326 20 Jun 2024 26395 0 Not Changd NORMAL current NEG	history1 WC0863654 27 Dec 2023 23360 0 Not Changd ATTENTION history1 NEG	history2 WC0845190 11 Sep 2023 26358 18843 N/A ATTENTION history2 NEG
Sample Date Machine Age Oil Age Oil Changed Sample Status CONTAMINATIO Water WEAR METALS Iron	hrs N ppm ppm ppm	Client Info Client Info Client Info Client Info Client Info WC Method MC Method Method ASTM D5185m	>0.1 limit/base	20 Jun 2024 26395 0 Not Changd NORMAL current	27 Dec 2023 23360 0 Not Changd ATTENTION history1 NEG	11 Sep 2023 26358 18843 N/A ATTENTION history2 NEG
Machine Age Oil Age Oil Changed Sample Status CONTAMINATIO Water WEAR METALS Iron	hrs N ppm ppm ppm	Client Info Client Info Client Info Method WC Method Method ASTM D5185m	>0.1 limit/base	26395 0 Not Changd NORMAL current	23360 0 Not Changd ATTENTION history1 NEG	26358 18843 N/A ATTENTION history2 NEG
Oil Age Oil Changed Sample Status CONTAMINATIO Water WEAR METALS Iron	hrs N ppm ppm ppm	Client Info Client Info method WC Method method ASTM D5185m	>0.1 limit/base	0 Not Changd NORMAL current	0 Not Changd ATTENTION history1 NEG	18843 N/A ATTENTION history2 NEG
Oil Changed Sample Status CONTAMINATIO Water WEAR METALS Iron	ppm ppm ppm	Client Info method WC Method method ASTM D5185m	>0.1 limit/base	Not Changd NORMAL current NEG	Not Changd ATTENTION history1	N/A ATTENTION history2 NEG
Sample Status CONTAMINATIO Water WEAR METALS Iron	ppm ppm	method WC Method method ASTM D5185m	>0.1 limit/base	NORMAL current	ATTENTION history1 NEG	ATTENTION history2 NEG
CONTAMINATIO Water WEAR METALS	ppm ppm	WC Method method ASTM D5185m	>0.1 limit/base	current NEG	history1 NEG	history2 NEG
Water WEAR METALS Iron	ppm ppm	WC Method method ASTM D5185m	>0.1 limit/base	NEG	NEG	NEG
WEAR METALS	ppm ppm	method ASTM D5185m	limit/base			
Iron	ppm ppm	ASTM D5185m				
-	ppm ppm		<u>~50</u>	current	history1	history2
Chromium	ppm	ASTM D5185m	> 00	0	1	<1
			>10	0	<1	<1
Nickel	10.10.111	ASTM D5185m		<1	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	1	0
Lead	ppm	ASTM D5185m	>25	0	0	<1
Copper	ppm	ASTM D5185m	>50	0	<1	<1
Tin	ppm	ASTM D5185m	>15	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	4
Barium	ppm	ASTM D5185m	500	16	5 0	3 4
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m	0	0	<1	0
Calcium	ppm	ASTM D5185m	0	0	0	3
Phosphorus	ppm	ASTM D5185m	20	360	1206	1453
Zinc	ppm	ASTM D5185m	0	4	0	15
Sulfur	ppm	ASTM D5185m	200	36	166	184
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4	9	2
Sodium	ppm	ASTM D5185m		5	23	27
Potassium	ppm	ASTM D5185m	>20	1	1	1
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.26	1.50	1.31



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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT	NONE
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	NONE	LIGHT	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	NEG	NEG
FLUID PROPERTIES		method	limit/base	current	history1	history2

Severe					
Abnormal					
55 - Shor mal					
50 Blasermal					0000
45 - Severe			_/		
40 27 27	22	- 53	- 53	- 53	24
an 12/2 ay 17/7	lov29/7	ar16/	/11da	ec27//	/UCum

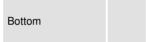
SAMPLE IMAGES

45.5

ASTM D445 49.4

Color

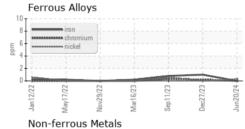
Visc @ 40°C



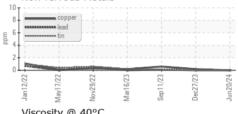


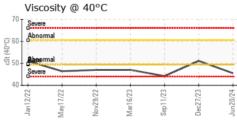
51.1

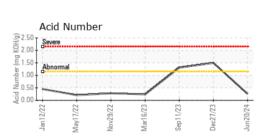
44.2



cSt











Certificate 12367

Laboratory Sample No.

: WC0915326 Lab Number : 06219846 Unique Number : 11098043 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 25 Jun 2024 **Tested**

: 26 Jun 2024 Diagnosed : 27 Jun 2024 - Don Baldridge

ELEVATED INDUSTRIAL SOLUTIONS - EIS 302 HUGHES ST FOUNTAIN INN, SC US 29644

Contact: DARRIN WARD dward@elevatedindustrial.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)

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