



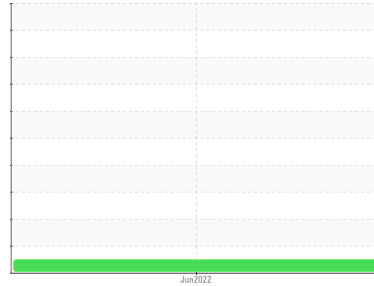
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
SULLAIR LLC
 Machine Id
2193638004 Jim P
 Component
Water
 Fluid
WATER (CITY/TAP) (--- GAL)



DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample.

Contamination

Hardness measured at 157 and Grains 9.

Fluid Condition

The pH level of this fluid is 8.04.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		SFA0000024	---	---
Sample Date	Client Info		02 Jun 2022	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m	0	---	---
Lead	ppm	ASTM D5185m	0	---	---
Copper	ppm	ASTM D5185m	0	---	---
Tin	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	---	---
Molybdenum	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m	<200	---	---
Calcium	ppm	ASTM D5185m	<200	---	---
Phosphorus	ppm	ASTM D5185m	0	---	---
Zinc	ppm	ASTM D5185m	0	---	---
Sulfur	ppm	ASTM D5185m	20	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	14	---	---
Sodium	ppm	ASTM D5185m	136	---	---
Potassium	ppm	ASTM D5185m	>20	---	---
Chlorine	ppm	ASTM D5185m	111	---	---

INFRA-RED

	method	limit/base	current	history1	history2
Nitration	Abs/cm	*ASTM D7624	120.3	---	---

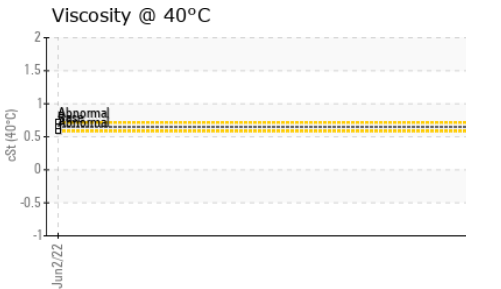
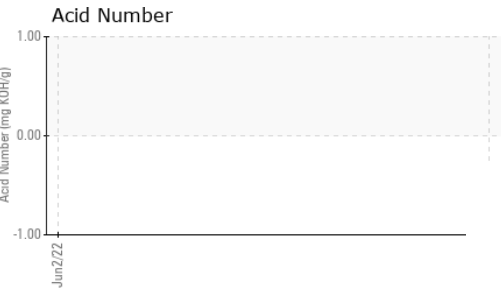
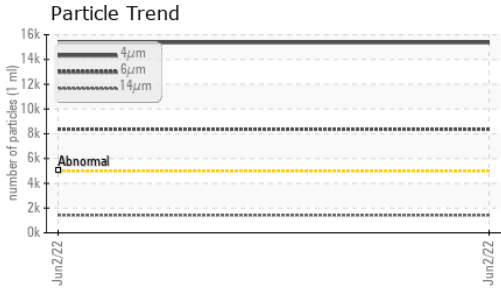
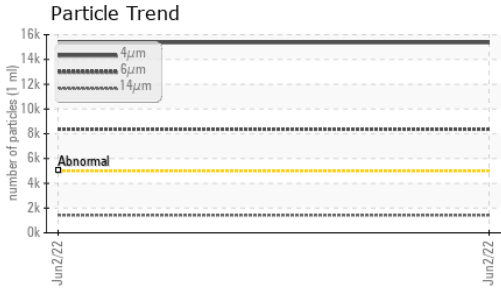
FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	15364	---	---
Particles >6µm	ASTM D7647	>1300	8369	---	---
Particles >14µm	ASTM D7647	>160	1424	---	---
Particles >21µm	ASTM D7647	>40	480	---	---
Particles >38µm	ASTM D7647	>10	74	---	---
Particles >71µm	ASTM D7647	>3	8	---	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	21/20/18	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	186.0	---	---
Antiwear	Abs/cm	ASTM E2412	70.5	---	---
Other Fluids	Abs/cm	ASTM E2412	93.8	---	---

OIL ANALYSIS REPORT



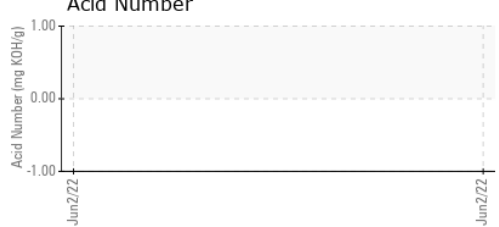
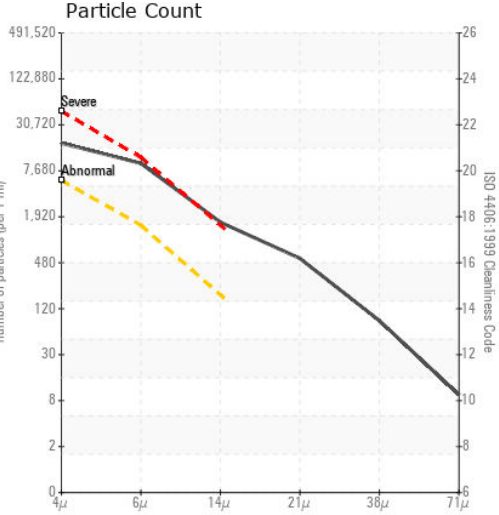
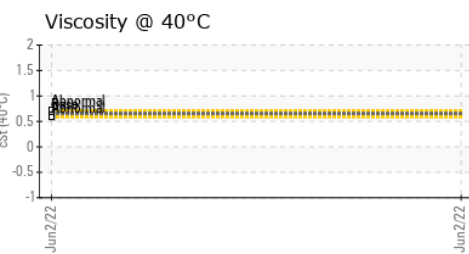
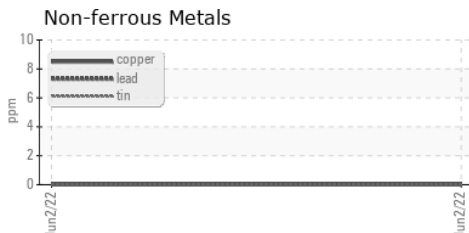
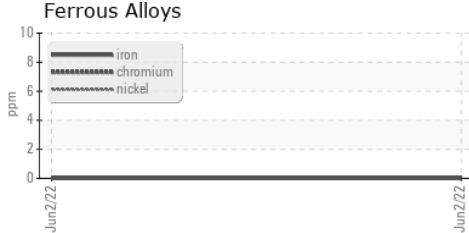
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
pH	Scale 0-14	ASTM D1287	8.04	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color		no image	no image
Bottom		no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : SFA0000024 **Received** : 08 Jun 2022
Lab Number : 05563998 **Diagnosed** : 15 Jun 2022
Unique Number : 10008398 **Diagnostician** : Doug Bogart
Test Package : IND 2 (Additional Tests: FT-IR, HARDNESS, PH, PrtCount)

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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