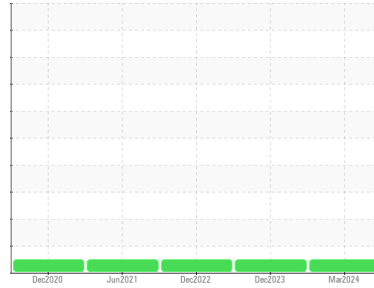




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
SULLAIR 003-136171 - DUBOSE

Component
Compressor

Fluid
COMPRESSOR OIL (PAG) ISO 46 (--- 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 oil.

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	history1	history2
Sample Number	Client Info		WC0897053	WC0811751	WC0696997
Sample Date	Client Info		08 Mar 2024	08 Dec 2023	19 Dec 2022
Machine Age	hrs	Client Info	6156	4160	101681
Oil Age	hrs	Client Info	3800	1930	1877
Oil Changed	Client Info		Not Changed	Not Changd	Not Changed
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.8	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	0	0	0
Chromium	ppm	ASTM D5185m >10	0	0	0
Nickel	ppm	ASTM D5185m	0	0	0
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	0	0	<1
Copper	ppm	ASTM D5185m >50	0	1	<1
Tin	ppm	ASTM D5185m >15	0	<1	<1
Antimony	ppm	ASTM D5185m	---	---	---
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 2	1	0	0
Barium	ppm	ASTM D5185m 525	137	212	339
Molybdenum	ppm	ASTM D5185m 10	0	0	0
Manganese	ppm	ASTM D5185m	0	<1	0
Magnesium	ppm	ASTM D5185m 5	0	0	0
Calcium	ppm	ASTM D5185m 10	4	2	0
Phosphorus	ppm	ASTM D5185m 250	11	<1	4
Zinc	ppm	ASTM D5185m 100	6	0	0
Sulfur	ppm	ASTM D5185m 400	627	520	936

CONTAMINANTS

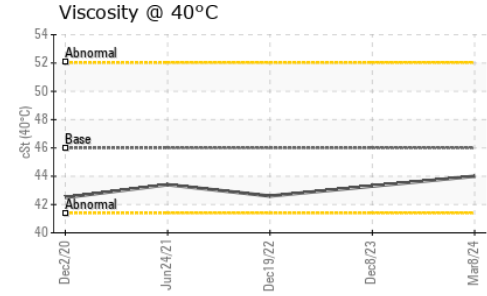
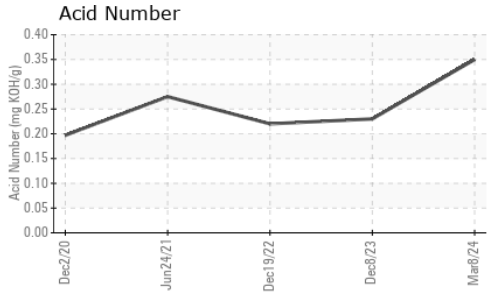
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	0	0	1
Sodium	ppm	ASTM D5185m	72	73	69
Potassium	ppm	ASTM D5185m >20	4	2	<1

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.35	0.23	0.22



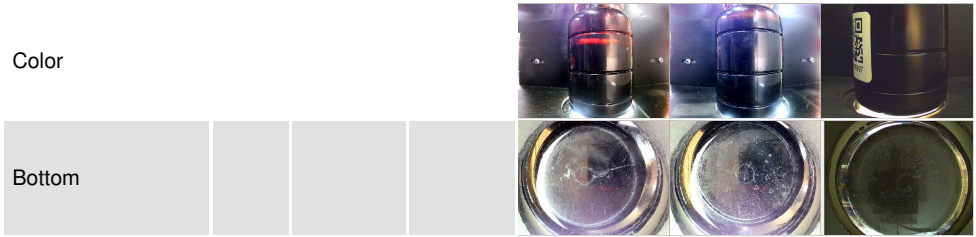
OIL ANALYSIS REPORT



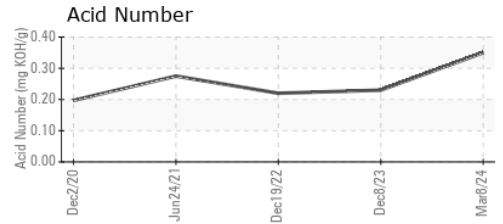
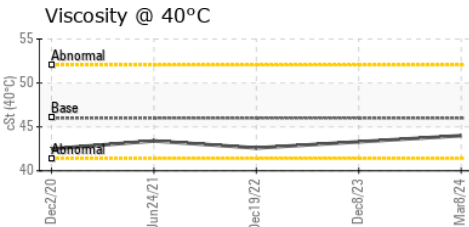
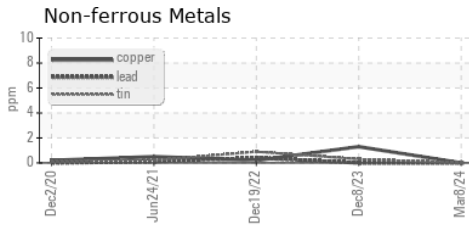
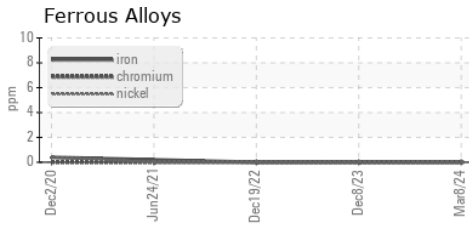
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.8	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 46	44.0	43.3	42.6

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0897053
Lab Number : 06123746
Unique Number : 10937897
Test Package : IND 2
Received : 20 Mar 2024
Tested : 21 Mar 2024
Diagnosed : 25 Mar 2024 - Jonathan Hester

FS-COMPRESSION CO, LLC
 203 AERO COURT
 GREENSBORO, NC
 US 27409
 Contact: Dallas Burcham
 dallas.burcham@fs-compression.com
 T: (336)605-9622
 F: (336)605-9844

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)