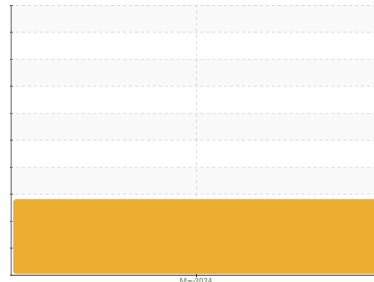




OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id
201901230043
 Component
Air Compressor
 Fluid
SULLAIR SULLUBE (14 GAL)

DIAGNOSIS

▲ Recommendation

We advise that you follow the water drain-off procedure for this component. The oil is near the end of its useful service life, recommend schedule an oil change. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

▲ Contamination

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

▲ Fluid Condition

The AN level is at the top-end of the recommended limit.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			SFA0000201	---	---
Sample Date	Client Info			27 May 2024	---	---
Machine Age	hrs	Client Info		36823	---	---
Oil Age	hrs	Client Info		8000	---	---
Oil Changed	Client Info			N/A	---	---
Sample Status				ABNORMAL	---	---

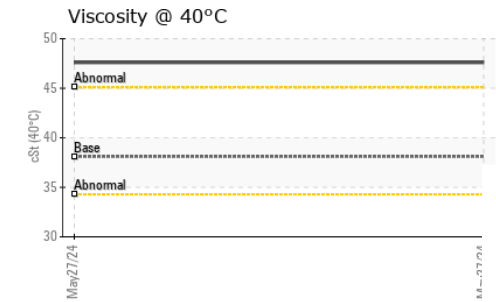
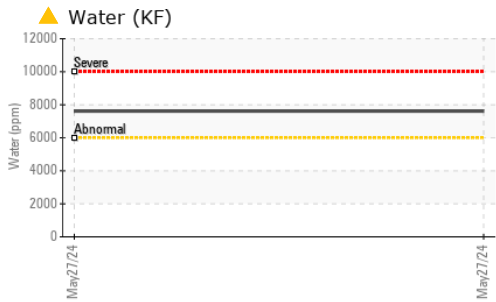
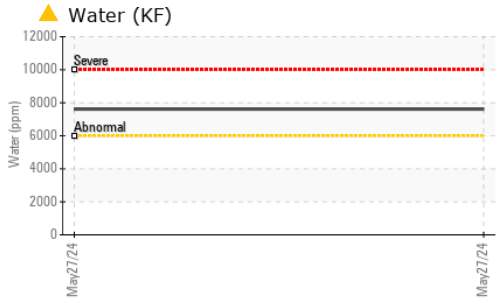
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	2	---	---
Chromium	ppm	ASTM D5185m	>4	0	---	---
Nickel	ppm	ASTM D5185m	>4	<1	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>10	<1	---	---
Lead	ppm	ASTM D5185m	>20	0	---	---
Copper	ppm	ASTM D5185m	>40	<1	---	---
Tin	ppm	ASTM D5185m	>5	1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
Cadmium	ppm	ASTM D5185m		<1	---	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		8	---	---
Barium	ppm	ASTM D5185m	745	101	---	---
Molybdenum	ppm	ASTM D5185m	0.0	0	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m	0.0	2	---	---
Calcium	ppm	ASTM D5185m	1	3	---	---
Phosphorus	ppm	ASTM D5185m	3	7	---	---
Zinc	ppm	ASTM D5185m	0.1	6	---	---
Sulfur	ppm	ASTM D5185m	240	397	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	5	---	---
Sodium	ppm	ASTM D5185m		45	---	---
Potassium	ppm	ASTM D5185m	>20	8	---	---
Water	%	ASTM D6304	>0.6	▲ 0.761	---	---
ppm Water	ppm	ASTM D6304	>6000	▲ 7614	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	.06	▲ 1.61	---	---



OIL ANALYSIS REPORT



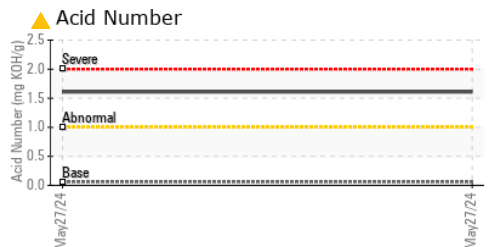
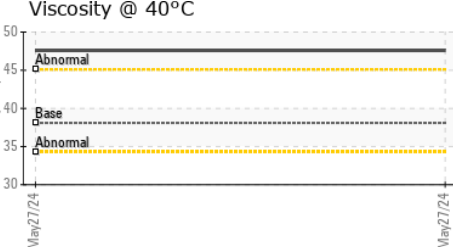
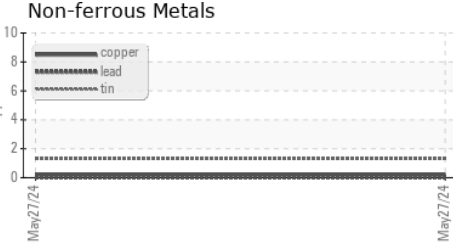
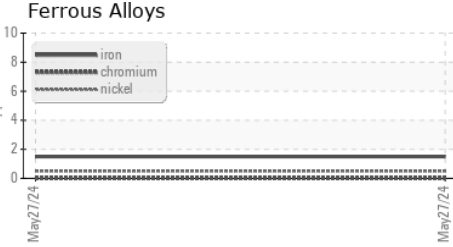
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.6	0.2%	---	---
Free Water	scalar	*Visual		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	38.1	47.6	---	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : SFA0000201 **Received** : 10 Jun 2024
Lab Number : 06204655 **Tested** : 12 Jun 2024
Unique Number : 11072116 **Diagnosed** : 12 Jun 2024 - Doug Bogart
Test Package : PLANT (Additional Tests: FT-IR, KF, pH)

COMERCIAL KALTE
 MARTIN CARRERA 567 PTE
 MONTERREY, ZZ
 MX 64290
 Contact: Service Manager
 tampico@kalte.com.mx

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)

T:
F: