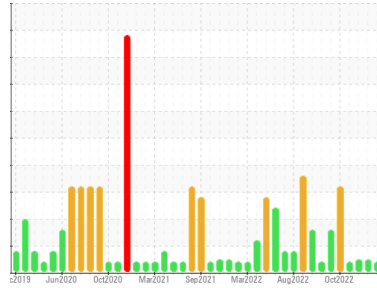




PROBLEM SUMMARY

Area
centre énergétique
 Machine Id
14-1801-02
 Component
2 Screw Compressor
 Fluid
SULLAIR SULLUBE (500 LTR)

Sample Rating Trend



COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

PROBLEMATIC TEST RESULTS

Sample Status		ABNORMAL	NORMAL	NORMAL
pH	Scale 0-14 ASTM D1287*	▲ 5.25	6.65	6.59

Customer Id: ALCBAI
 Sample No.: WC0782063
 Lab Number: 02540283
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Kevin Marson +1 (289)291-4644 x4644
Kevin.Marson@wearcheck.com

To change component or sample information:
 Gloria Gonzalez +1 (289)291-4643 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

17 Jan 2023 Diag: Wes Davis

NORMAL



Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La teneur en eau est négligeable. La propreté du système et du fluide est acceptable. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

view report



21 Dec 2022 Diag: Wes Davis

NORMAL



Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La teneur en eau est négligeable. La propreté du système et du fluide est acceptable. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

view report



21 Nov 2022 Diag: Kevin Marson

PH



Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La teneur en eau est négligeable. La propreté du système et du fluide est acceptable. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

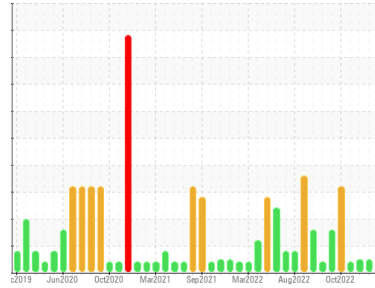
view report





OIL ANALYSIS REPORT

Sample Rating Trend



PH



Area
centre énergétique
 Machine Id
14-1801-02
 Component
2 Screw Compressor
 Fluid
SULLAIR SULLUBE (500 LTR)

DIAGNOSIS

Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Wear

Les taux d'usure de tous les composants sont normaux.

Contamination

La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La teneur en eau est négligeable. La propreté du système et du fluide est acceptable.

Fluid Condition

Le pH est marginalement bas. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0782063	WC0765254	WC0744044
Sample Date	Client Info		13 Feb 2023	17 Jan 2023	21 Dec 2022
Machine Age	hrs	Client Info	0	100922	100922
Oil Age	hrs	Client Info	0	14	14
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			ABNORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >60	2	2	2
Chromium	ppm	ASTM D5185(m) >4	0	0	0
Nickel	ppm	ASTM D5185(m)	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	0	0	0
Silver	ppm	ASTM D5185(m)	0	0	0
Aluminum	ppm	ASTM D5185(m) >5	<1	<1	<1
Lead	ppm	ASTM D5185(m) >10	0	<1	0
Copper	ppm	ASTM D5185(m) >30	<1	<1	<1
Tin	ppm	ASTM D5185(m)	0	0	0
Antimony	ppm	ASTM D5185(m)	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)	0	0	0
Beryllium	ppm	ASTM D5185(m)	0	0	0
Cadmium	ppm	ASTM D5185(m)	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 12	<1	<1	<1
Barium	ppm	ASTM D5185(m) 500	400	396	423
Molybdenum	ppm	ASTM D5185(m) 0.0	0	0	0
Manganese	ppm	ASTM D5185(m)	0	0	0
Magnesium	ppm	ASTM D5185(m) 0.0	0	0	0
Calcium	ppm	ASTM D5185(m) 8.2	0	0	0
Phosphorus	ppm	ASTM D5185(m) 4.0	0	0	0
Zinc	ppm	ASTM D5185(m) 0.1	2	2	2
Sulfur	ppm	ASTM D5185(m) 240	306	282	280
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

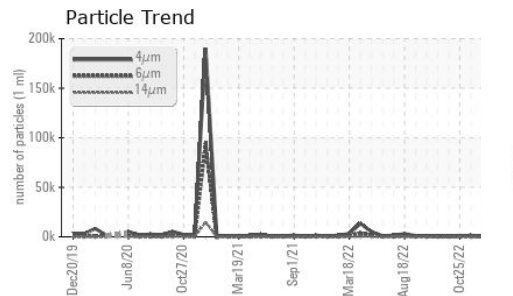
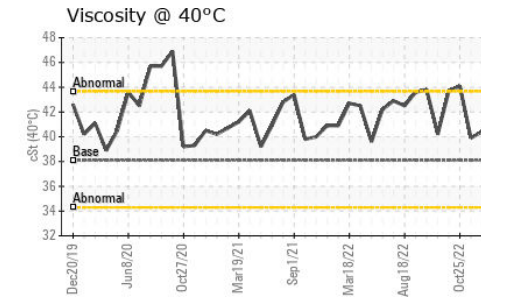
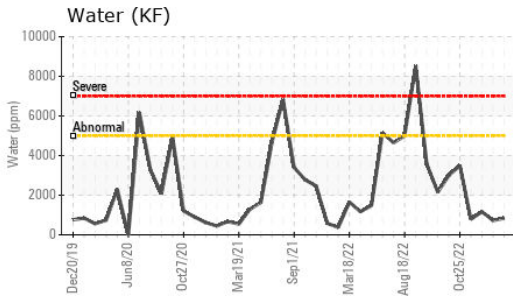
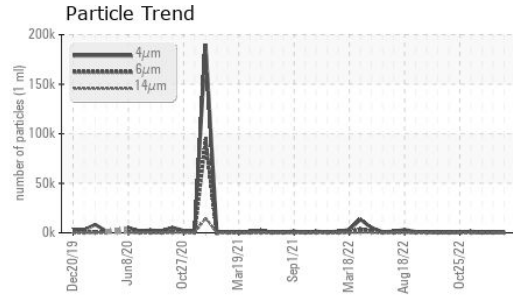
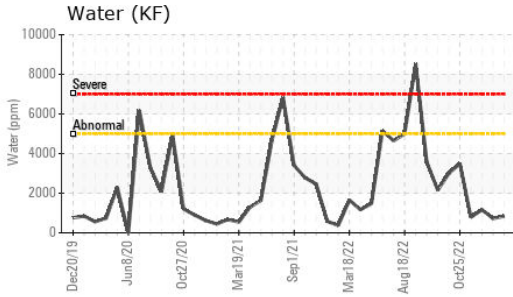
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >50	1	<1	<1
Sodium	ppm	ASTM D5185(m)	28	29	25
Potassium	ppm	ASTM D5185(m) >20	5	5	4
Water	%	ASTM D6304* >0.5	0.083	0.072	0.116
ppm Water	ppm	ASTM D6304* >5000	839.1	724.5	1164.0

FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647		1073	453	281
Particles >6µm	ASTM D7647	>2500	334	117	65
Particles >14µm	ASTM D7647	>320	40	14	8
Particles >21µm	ASTM D7647	>80	13	3	3
Particles >38µm	ASTM D7647	>20	0	0	0
Particles >71µm	ASTM D7647	>4	0	0	0
Oil Cleanliness	ISO 4406 (c)	>--/18/15	17/16/12	16/14/11	15/13/10



OIL ANALYSIS REPORT



FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.06	0.42	0.37	0.33

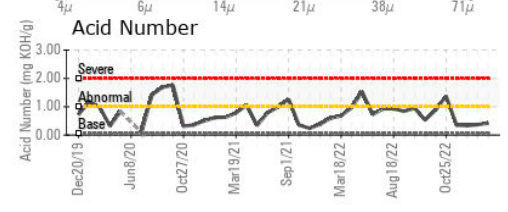
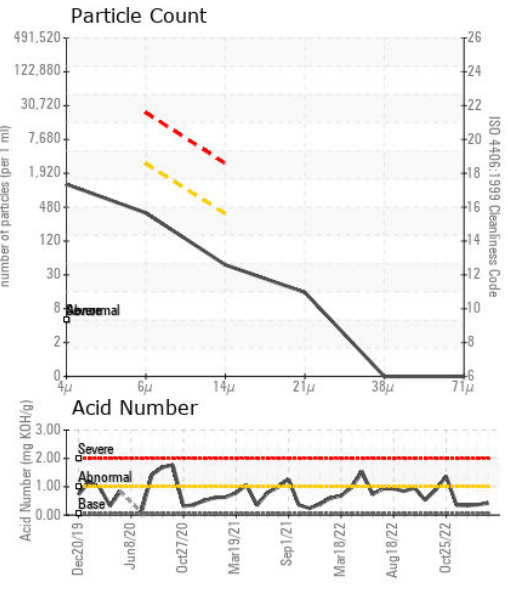
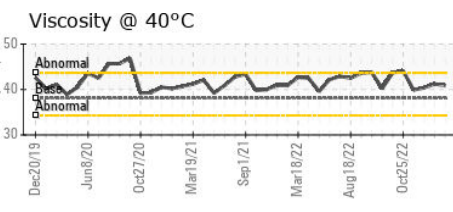
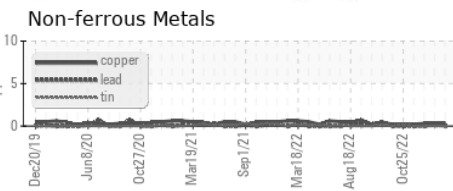
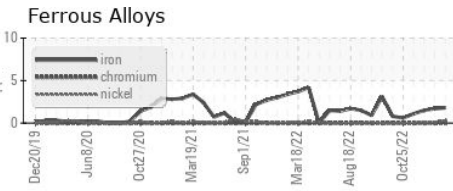
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.5	NEG	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG	NEG

FLUID PROPERTIES		method	limit/base	current	history1	history2
pH	Scale 0-14	ASTM D1287*		▲ 5.25	6.65	6.59
Visc @ 40°C	cSt	ASTM D7279(m)	38.1	40.9	41.2	40.4

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0782063 **Received** : 17 Feb 2023
Lab Number : **02540283** **Diagnosed** : 22 Feb 2023
Unique Number : 5529283 **Diagnostician** : Kevin Marson
Test Package : IND 2 (Additional Tests: KF, Ph, TAN Man)

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

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