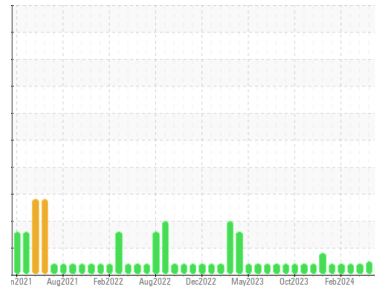




OIL ANALYSIS REPORT

Sample Rating Trend



PH



Area

centre énergétique

Machine Id
14-1801-04

Component
4 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 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		WC0908992	WC0934035	WC0915599
Sample Date	Client Info		26 Jun 2024	06 May 2024	05 Apr 2024
Machine Age	hrs	Client Info	0	43515	42952
Oil Age	hrs	Client Info	0	190	5386
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			ABNORMAL	NORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >60	2	<1	3
Chromium	ppm	ASTM D5185(m) >4	0	0	0
Nickel	ppm	ASTM D5185(m)	<1	0	0
Titanium	ppm	ASTM D5185(m)	0	0	0
Silver	ppm	ASTM D5185(m)	0	0	0
Aluminum	ppm	ASTM D5185(m) >5	<1	0	0
Lead	ppm	ASTM D5185(m) >10	0	0	0
Copper	ppm	ASTM D5185(m) >30	<1	0	<1
Tin	ppm	ASTM D5185(m) >15	0	0	0
Antimony	ppm	ASTM D5185(m)	0	0	0
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	2	2	<1
Barium	ppm	ASTM D5185(m) 500	606	676	357
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	<1	<1
Calcium	ppm	ASTM D5185(m) 8.2	4	<1	2
Phosphorus	ppm	ASTM D5185(m) 4.0	<1	0	<1
Zinc	ppm	ASTM D5185(m) 0.1	4	2	4
Sulfur	ppm	ASTM D5185(m) 240	359	303	404
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

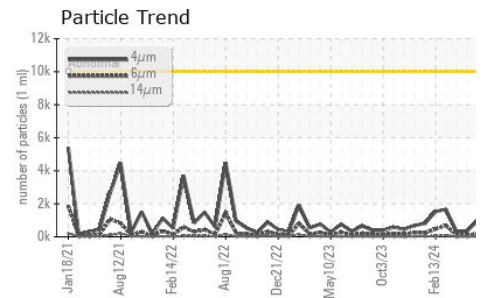
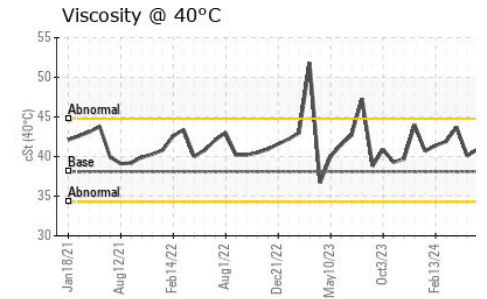
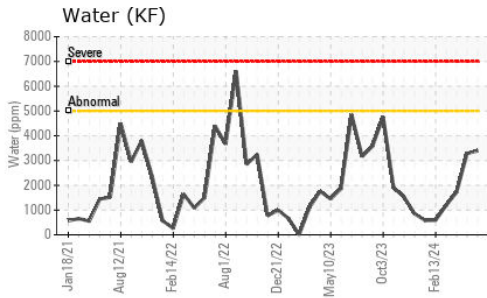
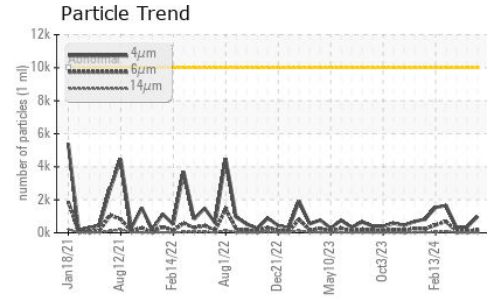
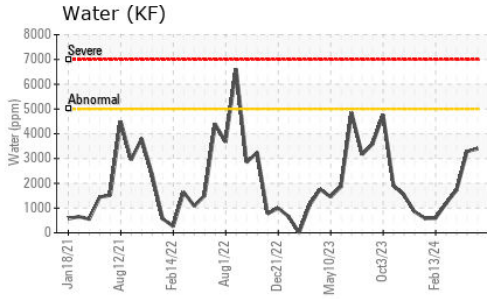
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >50	<1	0	0
Sodium	ppm	ASTM D5185(m)	55	21	33
Potassium	ppm	ASTM D5185(m) >20	6	12	11
Water	%	ASTM D6304* >0.5	0.339	0.328	0.172
ppm Water	ppm	ASTM D6304* >5000	3396	3284	1725

FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>10000	982	345	299
Particles >6µm	ASTM D7647	>2500	178	95	82
Particles >14µm	ASTM D7647	>320	21	10	10
Particles >21µm	ASTM D7647	>80	4	4	3
Particles >38µm	ASTM D7647	>20	0	1	0
Particles >71µm	ASTM D7647	>4	0	0	0
Oil Cleanliness	ISO 4406 (c)	>20/18/15	17/15/12	16/14/10	15/14/10



OIL ANALYSIS REPORT



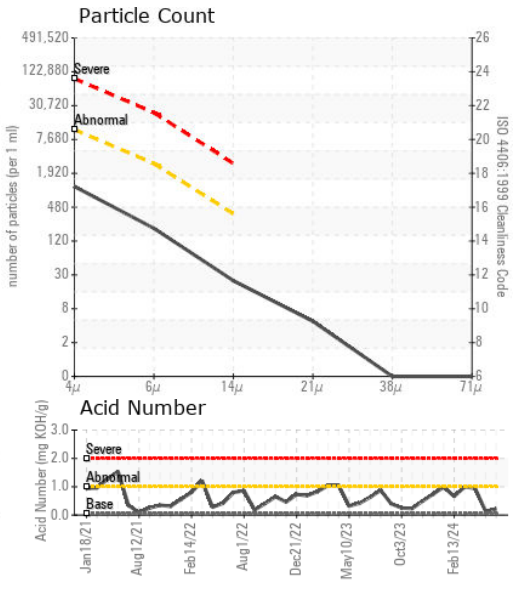
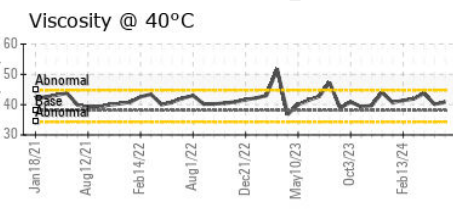
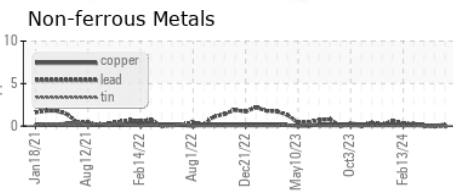
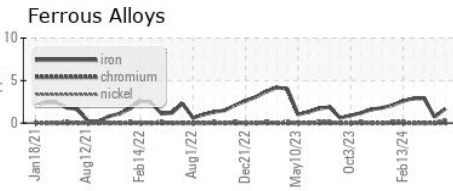
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.06	0.22	0.13	0.94

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	VLITE
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*		▲ 4.25	6.79	▲ 3.46
Visc @ 40°C	cSt	ASTM D7279(m)	38.1	40.9	40.1	43.7

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						

GRAPHS



Laboratory	: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9	Received	: 28 Jun 2024
Sample No.	: WC0908992	Tested	: 04 Jul 2024
Lab Number	: 02644600	Diagnosed	: 04 Jul 2024 - Kevin Marson
Unique Number	: 5802139		
Test Package	: IND 2 (Additional Tests: KF, pH, TAN Man)		

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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.

