



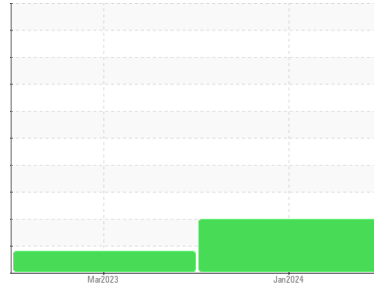
PROBLEM SUMMARY

Sample Rating Trend

ISO

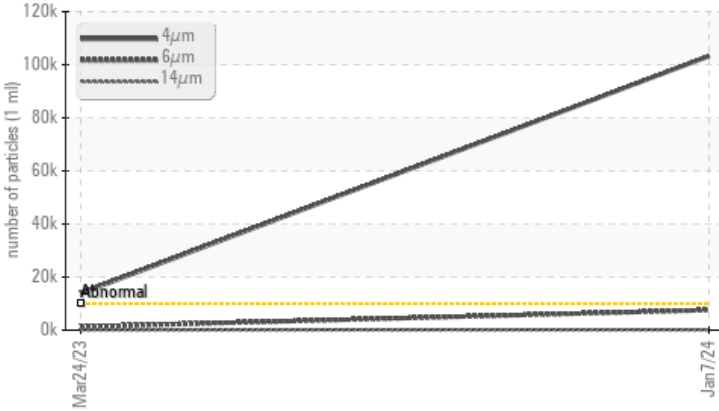


Area
MSE
 Machine Id
41 COMP 201207110029 R
 Component
Compressor
 Fluid
SULLAIR SULLUBE 32/46 (20 LTR)



COMPONENT CONDITION SUMMARY

Particle Trend



RECOMMENDATION

Vérifier les scelles et/ou les filtres pour des points d'entrée des contaminants. Le reniflard d'air doit être réparé. S'il n'est pas classé, nous vous recommandons de le remplacer par un reniflard à air adapté au micron et / ou au dessicant. Si évalué, nous vous recommandons de réparer / remplacer le reniflard. Nous recommandons le remplacement des filtres de ce composant. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation.

PROBLEMATIC TEST RESULTS

Sample Status			SEVERE	ATTENTION	---
Particles >4µm	ASTM D7647	>10000	🔴 103282	🟢 13798	---
Particles >6µm	ASTM D7647	>2500	🟡 7551	1324	---
Oil Cleanliness	ISO 4406 (c)	>20/18/15	🔴 24/20/14	🟢 21/18/13	---

Customer Id: ALCBAI
 Sample No.: WC0827934
 Lab Number: 02607079
 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

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.
Resample	---	---	?	Resample in 30-45 days to monitor this situation.
Check Breathers	---	---	?	The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather.
Check Seals	---	---	?	Check seals and/or filters for points of contaminant entry.

HISTORICAL DIAGNOSIS

24 Mar 2023 Diag: Wes Davis

ISO



Nous recommandons le remplacement des filtres de ce composant. 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. Il y a une légère quantité de limon (particules de 4 à 14 microns) dans l'huile. La teneur en eau est négligeable. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

view report





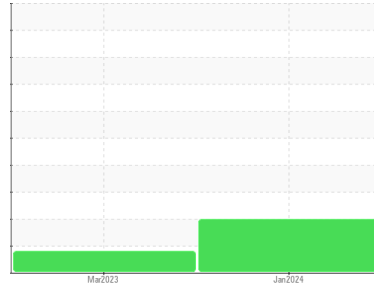
OIL ANALYSIS REPORT

Sample Rating Trend

ISO



Area
MSE
 Machine Id
41 COMP 201207110029 R
 Component
Compressor
 Fluid
SULLAIR SULLUBE 32/46 (20 LTR)



DIAGNOSIS

Recommendation

Vérifier les scelles et/ou les filtres pour des points d'entrée des contaminants. Le reniflard d'air doit être réparé. S'il n'est pas classé, nous vous recommandons de le remplacer par un reniflard à air adapté au micron et / ou au dessicant. Si évalué, nous vous recommandons de réparer / remplacer le reniflard. Nous recommandons le remplacement des filtres de ce composant. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation.

Wear

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

Contamination

Il y a une grande quantité de limon (particules de 4 à 14 microns) dans l'huile. La teneur en eau est négligeable.

Fluid Condition

Le AN est acceptable pour ce fluide. l'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0827934	WC0787992	---
Sample Date	Client Info		07 Jan 2024	24 Mar 2023	---
Machine Age	yrs	Client Info	0	0	---
Oil Age	yrs	Client Info	0	0	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			SEVERE	ATTENTION	---

WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>50	32	7	---
Chromium	ppm	ASTM D5185(m)	>10	0	0	---
Nickel	ppm	ASTM D5185(m)		<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	11	7	---
Lead	ppm	ASTM D5185(m)	>25	2	<1	---
Copper	ppm	ASTM D5185(m)	>50	29	13	---
Tin	ppm	ASTM D5185(m)	>15	5	2	---
Antimony	ppm	ASTM D5185(m)		3	1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Beryllium	ppm	ASTM D5185(m)		0	0	---
Cadmium	ppm	ASTM D5185(m)		0	0	---

ADDITIVES

	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)		8	6	---
Barium	ppm	ASTM D5185(m)	745	597	847	---
Molybdenum	ppm	ASTM D5185(m)		0	0	---
Manganese	ppm	ASTM D5185(m)		<1	<1	---
Magnesium	ppm	ASTM D5185(m)		1	2	---
Calcium	ppm	ASTM D5185(m)	1	7	4	---
Phosphorus	ppm	ASTM D5185(m)	3	<1	0	---
Zinc	ppm	ASTM D5185(m)		147	81	---
Sulfur	ppm	ASTM D5185(m)		363	323	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

CONTAMINANTS

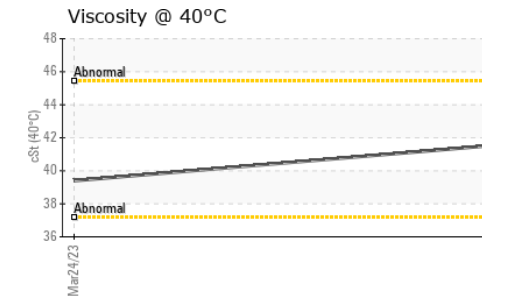
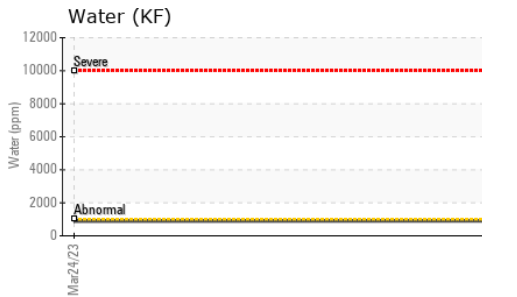
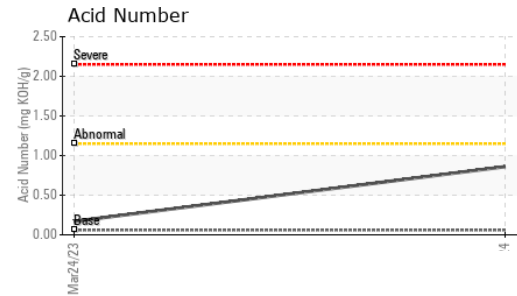
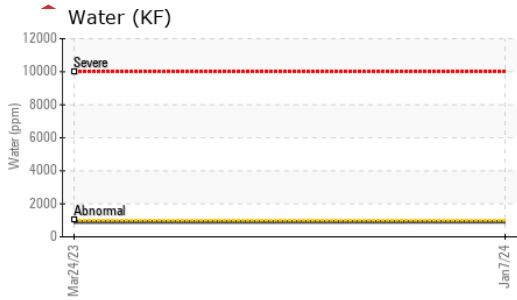
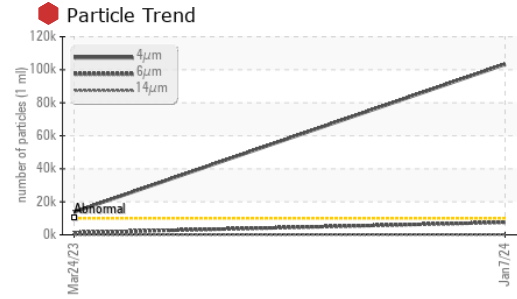
	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>25	4	4	---
Sodium	ppm	ASTM D5185(m)		13	8	---
Potassium	ppm	ASTM D5185(m)	>20	6	4	---
Water	%	ASTM D6304*	>0.1	0.090	0.088	---
ppm Water	ppm	ASTM D6304*	>1000	903	886.8	---

FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>10000	103282	13798	---
Particles >6µm	ASTM D7647	>2500	7551	1324	---
Particles >14µm	ASTM D7647	>320	110	75	---
Particles >21µm	ASTM D7647	>80	30	22	---
Particles >38µm	ASTM D7647	>20	3	2	---
Particles >71µm	ASTM D7647	>4	0	1	---
Oil Cleanliness	ISO 4406 (c)	>20/18/15	24/20/14	21/18/13	---



OIL ANALYSIS REPORT



FLUID DEGRADATION

	method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D974*	0.06	0.86	0.17	---

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*	>0.1	NEG	NEG	---
Free Water	scalar	Visual*		NEG	NEG	---

FLUID PROPERTIES

	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	41.6	39.4	---

SAMPLE IMAGES

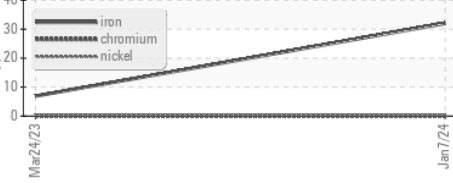
	method	limit/base	current	history1	history2
Color					
Bottom					

no image

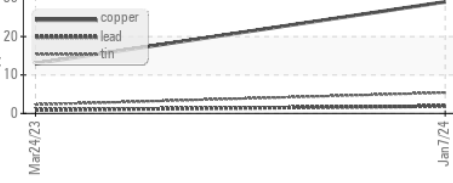
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GRAPHS

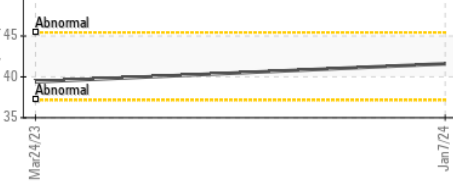
Ferrous Alloys



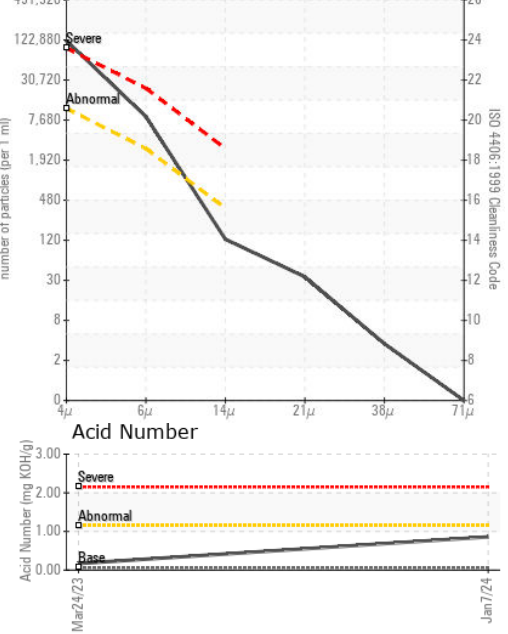
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0827934 **Received** : 08 Jan 2024
Lab Number : **02607079** **Diagnosed** : 10 Jan 2024
Unique Number : 5708165 **Diagnostician** : Kevin Marson
Test Package : IND 2 (Additional Tests: KF, PrtCount, 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.

RTA - UGB
 C.P. 900
 Ville de la Baie, QC
 CA G7B 4G9
 Contact: Alcan Epc
 mathieu.tremblay2@riotinto.com
 T: (418)697-9568
 F: (418)697-9550