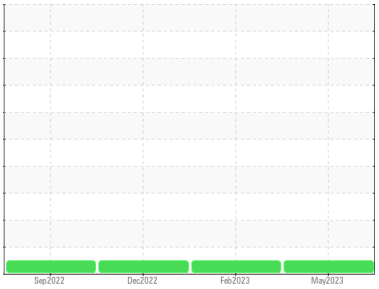
OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL

Machine Id
C0029
Component
Compressor
Fluid
GARDNER DENVER AEON 9000 TH (--- GAL)

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 teneur en eau est négligeable. Il n`y a aucun indice de contamination dans l`huile.

Fluid Condition
La viscosité de l`huile est plus élevée que la normale. 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		**PC0061974**	PC0061980	PC0061750
Sample Date		Client Info		**30 May 2023**	11 Feb 2023	29 Dec 2022
Machine Age	hrs	Client Info		**74806**	73095	72546
Oil Age	hrs	Client Info		**1700**	8339	7790
Oil Changed		Client Info		**Not Changd**	Changed	Not Changd
Sample Status				**NORMAL**	NORMAL	NORMAL

WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		**0**	0	0
Iron	ppm	ASTM D5185(m)	>50	**<1**	2	2
Chromium	ppm	ASTM D5185(m)	>5	**0**	0	0
Nickel	ppm	ASTM D5185(m)		**0**	0	0
Titanium	ppm	ASTM D5185(m)		**0**	0	0
Silver	ppm	ASTM D5185(m)		**0**	0	0
Aluminum	ppm	ASTM D5185(m)	>15	**<1**	<1	0
Lead	ppm	ASTM D5185(m)	>65	**0**	<1	0
Copper	ppm	ASTM D5185(m)	>65	**0**	1	0
Tin	ppm	ASTM D5185(m)	>10	**0**	<1	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

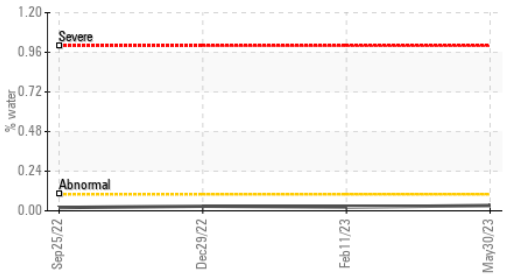
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		**<1**	2	<1
Barium	ppm	ASTM D5185(m)		**0**	0	0
Molybdenum	ppm	ASTM D5185(m)		**0**	0	0
Manganese	ppm	ASTM D5185(m)		**0**	0	0
Magnesium	ppm	ASTM D5185(m)		**0**	0	0
Calcium	ppm	ASTM D5185(m)		**0**	0	0
Phosphorus	ppm	ASTM D5185(m)		**838**	736	744
Zinc	ppm	ASTM D5185(m)		**<1**	1	<1
Sulfur	ppm	ASTM D5185(m)		**5**	4	7
Lithium	ppm	ASTM D5185(m)		**<1**	<1	<1

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>35	**0**	<1	<1
Sodium	ppm	ASTM D5185(m)		**<1**	1	2
Potassium	ppm	ASTM D5185(m)	>20	**1**	<1	0
Water	%	ASTM D6304*	>0.1	**0.032**	0.023	0.028
ppm Water	ppm	ASTM D6304*	>1000	**327.8**	234.6	282.8

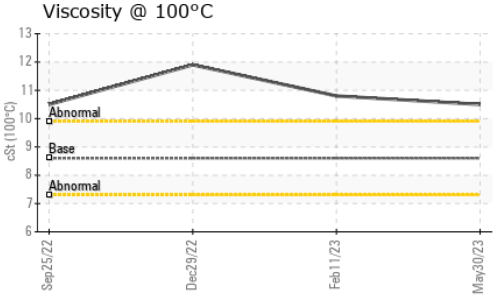
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		**0.38**	0.75	0.87

OIL ANALYSIS REPORT

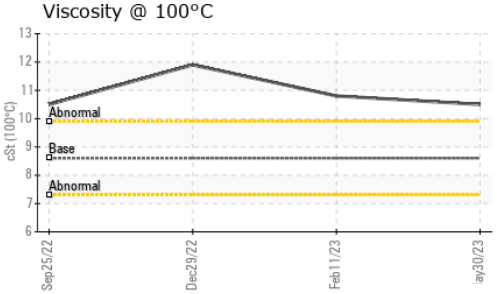
Water



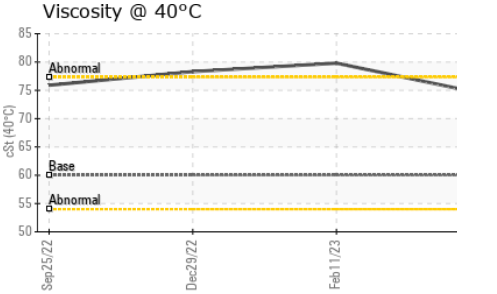
Viscosity @ 100°C



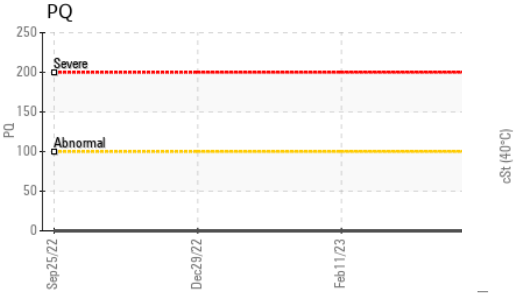
Viscosity @ 100°C



Viscosity @ 40°C



PQ



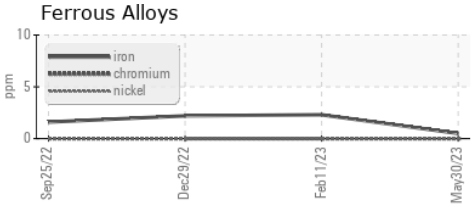
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Precipitate	scalar	Visual*	NONE	**NONE**	NONE	NONE
Silt	scalar	Visual*	NONE	**NONE**	NONE	NONE
Debris	scalar	Visual*	NONE	**NONE**	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	**NONE**	NONE	NONE
Appearance	scalar	Visual*	NORML	**NORML**	NORML	NORML
Odor	scalar	Visual*	NORML	**NORML**	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	**NEG**	NEG	NEG
Free Water	scalar	Visual*		**NEG**	NEG	NEG

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	60.01	**74.5**	79.8	78.3
Visc @ 100°C	cSt	ASTM D7279(m)	8.6	**10.5**	10.8	11.9
Viscosity Index (VI)	Scale	ASTM D2270*		**126**	121	146

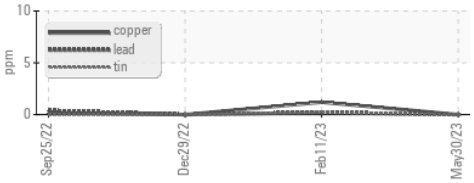
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS

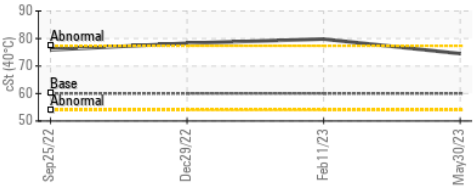
Ferrous Alloys



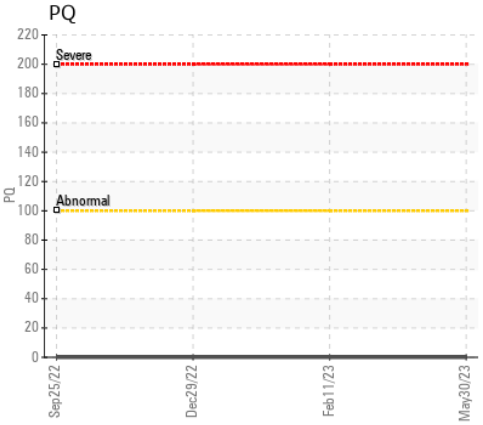
Non-ferrous Metals



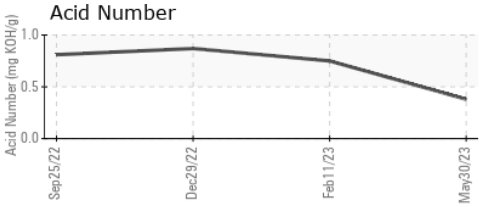
Viscosity @ 40°C



PQ



Acid Number



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0061974 **Received** : 05 Jun 2023
Lab Number : 02561763 **Diagnosed** : 06 Jun 2023
Unique Number : 5590804 **Diagnostician** : Kevin Marson
Test Package : IND 2 (Additional Tests: KF, KV100, VI)

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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