



# RAPPORT D'ANALYSE D'HUILE

USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Secteur

## Equipment Auxilaire/Salle des Machines

Identité de la machine

### 15J01B#01 Compresseur d`air Avant (S/N 05,2204-1-1)

Composant

### Compresseur d'air Avant

Fluid

### MOBIL RARUS 427 (4 LTR)

#### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>WC0627038</b>	PP	WC0549548
Date d'échant.		Client Info		<b>18 Feb 2023</b>	18 Oct 2022	31 Oct 2021
Âge d la Machine	hrs	Client Info		<b>28575</b>	27602	27378
Âge de l'huile	hrs	Client Info		<b>648</b>	229	0
Âge du filtre	hrs	Client Info		<b>0</b>	0	0
Huile changée		Client Info		<b>Changed</b>	N/A	N/A
Filtre changé		Client Info		<b>None</b>	N/A	N/A
Statut de l'échant.				<b>NORMAL</b>	ATTENTION	NORMAL

#### USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>50	<b>6</b>	▲ 49	<1
Chrome	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Argent	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Aluminium	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	0
Plomb	ppm	ASTM D5185(m)	>20	<b>0</b>	0	<1
Cuivre	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	1	<1
Étain	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

#### CONTAMINATION

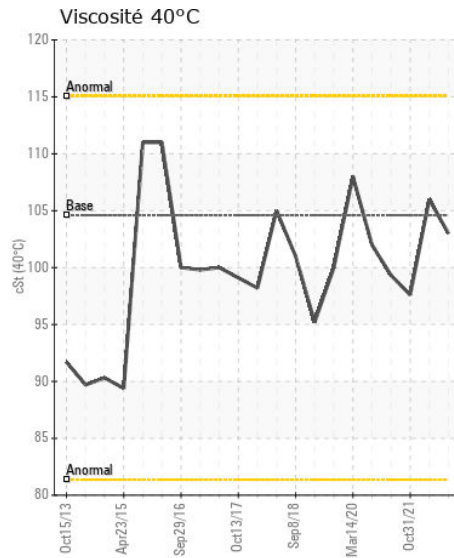
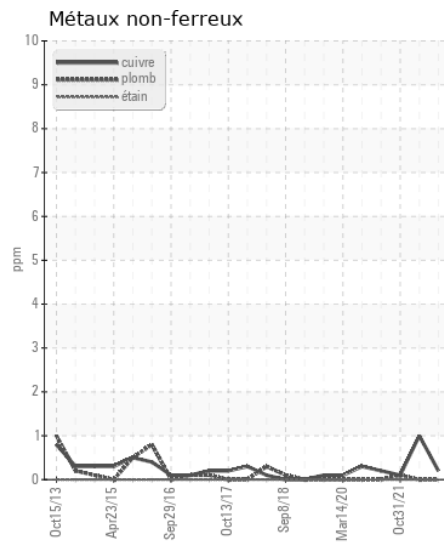
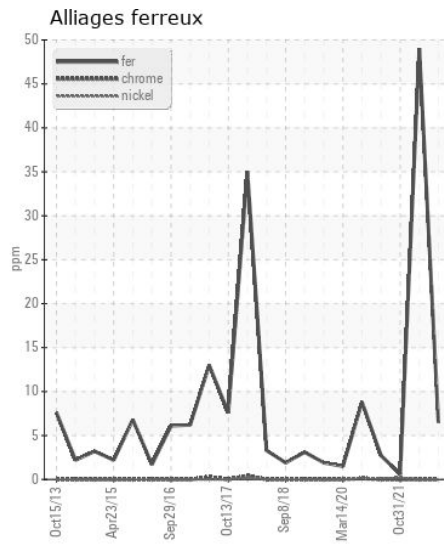
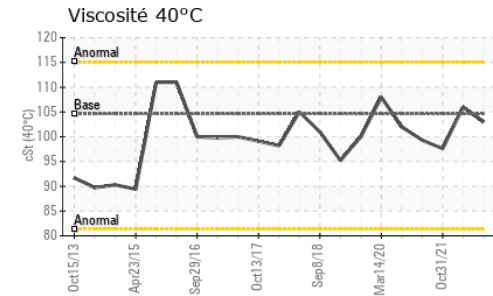
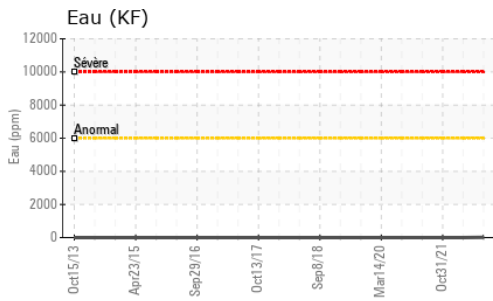
The water content is negligible. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>2</b>	4	<1
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	1	<1
Eau	%	ASTM D6304*	>0.6	<b>0.001</b>	---	---
ppm d'eau	ppm	ASTM D6304*	>6000	<b>14.1</b>	---	---
Limon	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Débris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.6	<b>NEG</b>	NEG	NEG

#### ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<b>1</b>	2	0
Bore	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	<1
Baryum	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)		<b>0</b>	0	0
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Magnésium	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Calcium	ppm	ASTM D5185(m)		<b>0</b>	1	59
Phosphore	ppm	ASTM D5185(m)		<b>56</b>	● 56	182
Zinc	ppm	ASTM D5185(m)		<b>2</b>	5	194
Soufre	ppm	ASTM D5185(m)		<b>2128</b>	● 1085	780
Visc 40°C	cSt	ASTM D7279(m)	104.6	<b>103</b>	106	97.6



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**N° d'échantillon** : WC0627038

**N° de laboratoire** : 02541003

**Numéro unique** : 5538008

**Analyse** : MAR 5 ( Additional Tests: ICP, KF, KV40, Spat, Visual )

**Reçu** : 22 Feb 2023

**Tested** : 23 Feb 2023

**Diagnostiqué** : 23 Feb 2023 - Wes Davis

**Canadian Coast Guard**

CCGS Amundsen, 101 Boul. Champlain

Quebec, QC

CA G1K 7Y7

Contact: Chief Engineer

amundsense@ccgs-ngcc.gc.ca

T: (418)953-8233

F: x:

*Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.*

*Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.*

*La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.*