



# RAPPORT D'ANALYSE D'HUILE

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

Secteur

## Equipment de Pont

Identité de la machine

### 17DA02 DE Guindeau/Engrenage (S/N C-1084)

Composant

### Boîte d'engrenages Avant

Fluide

### MOBIL SHC 629 (200 LTR)

## RECOMMENDATION

Resample at the next service interval to monitor. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MAR 2 test kits, this testkit includes AN to determine the suitability of the oil for continued use.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>WC0811224</b>	WC0549537	WC0350171
Date d'échant.		Client Info		<b>25 Oct 2023</b>	02 Apr 2023	13 Mar 2020
Âge d la Machine	hrs	Client Info		<b>0</b>	0	0
Âge de l'huile	hrs	Client Info		<b>0</b>	0	0
Âge du filtre	hrs	Client Info		<b>0</b>	0	0
Huile changée		Client Info		<b>N/A</b>	Not Changd	N/A
Filtre changé		Client Info		<b>N/A</b>	Not Changd	N/A
Statut de l'échant.				<b>NORMAL</b>	NORMAL	SEVERE

## USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>150	<b>4</b>	4	4
Chrome	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>5	<b>0</b>	0	<1
Plomb	ppm	ASTM D5185(m)	>65	<b>&lt;1</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>80	<b>&lt;1</b>	<1	5
Étain	ppm	ASTM D5185(m)	>8	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	VLITE	NONE
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

There is no indication of any contamination in the oil.

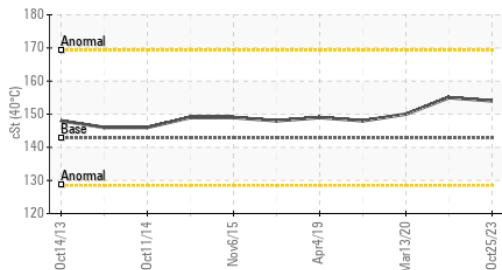
Silicium	ppm	ASTM D5185(m)	>20	<b>17</b>	14	1
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	<1
Limon	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Débris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

## ÉTAT DU FLUIDE

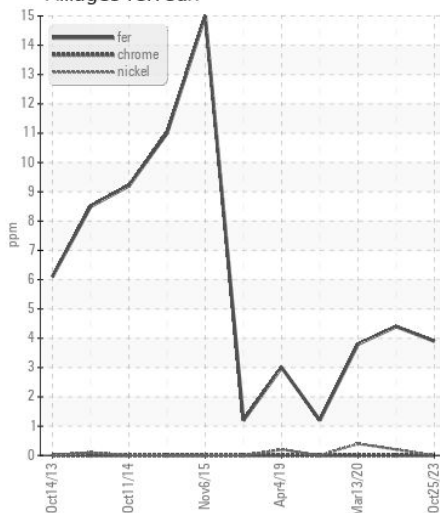
The condition of the oil is acceptable for the time in service (unconfirmed).

Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	2
Bore	ppm	ASTM D5185(m)		<b>0</b>	0	1
Baryum	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	<1
Molybdène	ppm	ASTM D5185(m)		<b>0</b>	0	0
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	0	0
Magnésium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Calcium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	<1
Phosphore	ppm	ASTM D5185(m)		<b>449</b>	513	78
Zinc	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	2
Soufre	ppm	ASTM D5185(m)		<b>68</b>	25	2086
Visc 40°C	cSt	ASTM D7279(m)	142.8	<b>154</b>	155	150

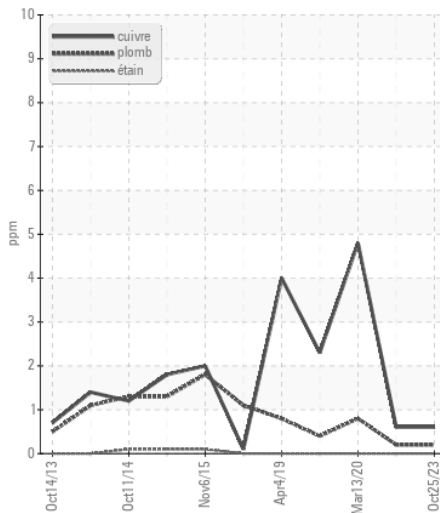
Viscosité 40°C



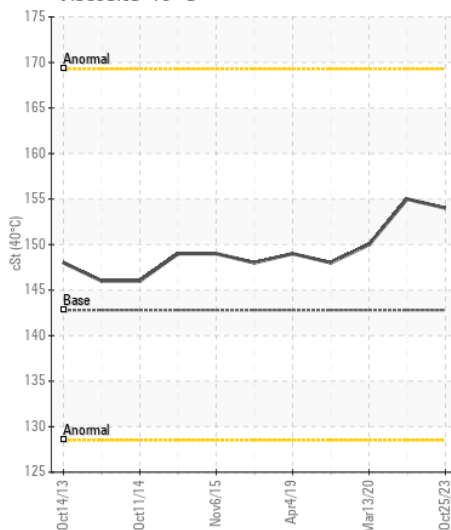
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WC0811224  
**N° de laboratoire** : 02593403  
**Numéro unique** : 5670482  
**Analyse** : MAR 1

**Reçu** : 01 Nov 2023  
**Diagnostiqué** : 01 Nov 2023  
**Diagnostiqueur** : 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

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.

F: x: