



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

Equipment de Sauvetage/Pont des Embarcations

Identité de la machine

10B01A#02 Chaloupe de Sauvetage Tribord (S/N 17733/02)

Composant

Moteur diesel Tribord

Fluide

MOBIL DELVAC 1 5W40 (9 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0751420	WC0751411	WC
Date d'échant.		Client Info		24 Oct 2023	04 Apr 2023	18 Oct 2022
Âge d la Machine	mths	Client Info		0	0	0
Âge de l'huile	mths	Client Info		0	0	0
Âge du filtre	mths	Client Info		0	0	0
Huile changée		Client Info		Not Changd	N/A	N/A
Filtre changé		Client Info		N/A	N/A	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	8	6	6
Chrome	ppm	ASTM D5185(m)	>20	<1	0	0
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	0
Titane	ppm	ASTM D5185(m)		0	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	1	2	1
Plomb	ppm	ASTM D5185(m)	>40	19	8	6
Cuivre	ppm	ASTM D5185(m)	>330	28	22	18
Étain	ppm	ASTM D5185(m)	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	VLITE	NONE
Bronze	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

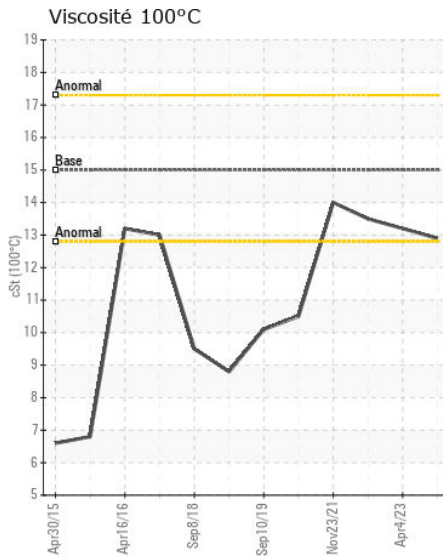
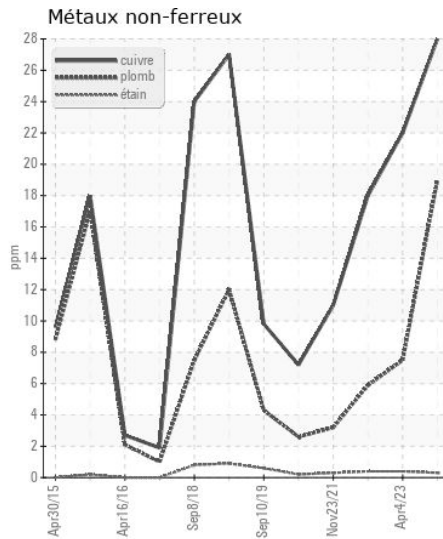
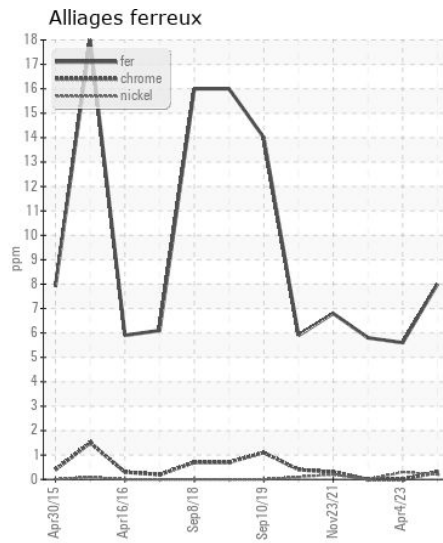
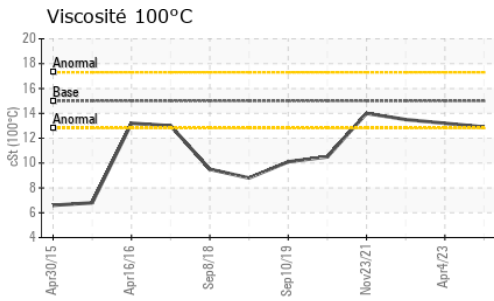
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	4	4
Potassium	ppm	ASTM D5185(m)	>20	<1	1	2
Essence		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	6.4	6.2	6.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.4	19.1	19.9
Limon	scalar	Visual*	NONE	NONE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	VLITE	NONE
Saleté	scalar	Visual*	NONE	NONE	NONE	NONE
Apparence	scalar	Visual*	NORML	NORML	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		5	4	4
Bore	ppm	ASTM D5185(m)	291	148	159	161
Baryum	ppm	ASTM D5185(m)	0.0	<1	0	0
Molybdène	ppm	ASTM D5185(m)	8.0	14	14	14
Manganèse	ppm	ASTM D5185(m)		0	<1	<1
Magnésium	ppm	ASTM D5185(m)	624	287	286	287
Calcium	ppm	ASTM D5185(m)	2158	1730	1785	1705
Phosphore	ppm	ASTM D5185(m)	1132	818	908	909
Zinc	ppm	ASTM D5185(m)	1300	907	912	896
Soufre	ppm	ASTM D5185(m)	3616	2465	2617	2604
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.1	14.8	15.4
Visc 100°C	cSt	ASTM D7279(m)	15.0	12.9	13.2	13.5



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0751420
N° de laboratoire : 02593143
Numéro unique : 5670222
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: