



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

Equipment d'urgence/Salle des Machines

Identité de la machine

15J02C Compresseur d'air d'urgence Moteur (S/N 8920737)

Composant

Moteur diesel

Fluid

MOBIL DELVAC 1300 SUPER 10W30 (10 LTR)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0549552	WC0392746	---
Date d'échant.		Client Info		01 Nov 2021	19 Jun 2021	---
Âge d la Machine	hrs	Client Info		31	24	---
Âge de l'huile	hrs	Client Info		10	3	---
Âge du filtre	hrs	Client Info		0	3	---
Huile changée		Client Info		Not Changd	Not Changd	---
Filtre changé		Client Info		N/A	Not Changd	---
Statut de l'échant.				NORMAL	NORMAL	---

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>100	5	4	---
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>4	<1	0	---
Titane	ppm	ASTM D5185(m)		0	0	---
Argent	ppm	ASTM D5185(m)	>3	0	<1	---
Aluminium	ppm	ASTM D5185(m)	>20	2	1	---
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	---
Cuivre	ppm	ASTM D5185(m)	>330	1	1	---
Étain	ppm	ASTM D5185(m)	>15	<1	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Métal blanc	scalar	Visual*	NONE	VLITE	NONE	---
Bronze	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

There is no indication of any contamination in the oil.

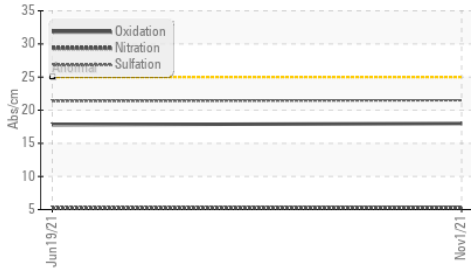
Silicium	ppm	ASTM D5185(m)	>25	18	16	---
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	---
Essence		WC Method	>5	<1.0	<1.0	---
L'eau		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>3	0	0	---
Nitration	Abs/cm	ASTM D7624*	>20	5.3	5.2	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.5	21.4	---
Limon	scalar	Visual*	NONE	NONE	NONE	---
Débris	scalar	Visual*	NONE	VLITE	NONE	---
Saleté	scalar	Visual*	NONE	NONE	VLITE	---
Apparence	scalar	Visual*	NORML	NORML	NORML	---
Odeur	scalar	Visual*	NORML	NORML	NORML	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	---

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		2	3	---
Bore	ppm	ASTM D5185(m)		74	70	---
Baryum	ppm	ASTM D5185(m)		<1	<1	---
Molybdène	ppm	ASTM D5185(m)		37	36	---
Manganèse	ppm	ASTM D5185(m)		1	1	---
Magnésium	ppm	ASTM D5185(m)		492	468	---
Calcium	ppm	ASTM D5185(m)		1736	1777	---
Phosphore	ppm	ASTM D5185(m)		841	774	---
Zinc	ppm	ASTM D5185(m)		902	914	---
Soufre	ppm	ASTM D5185(m)		2315	2323	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	18.0	17.8	---
Visc 100°C	cSt	ASTM D7279(m)	11.9	13.1	12.6	---

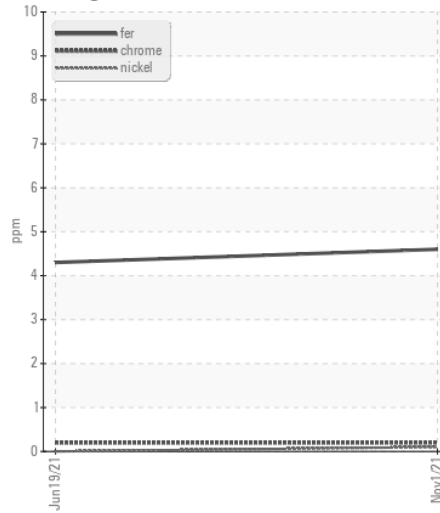
FT-IR (Direct Trend)



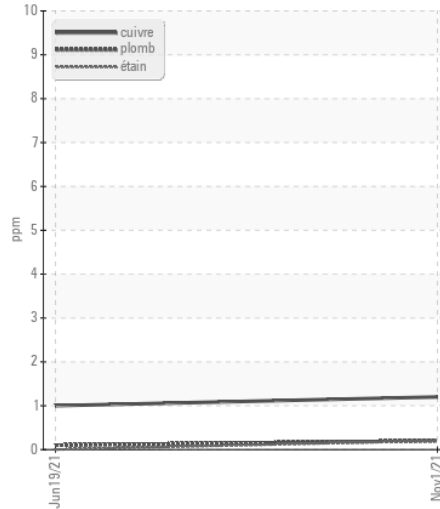
Viscosité 100°C



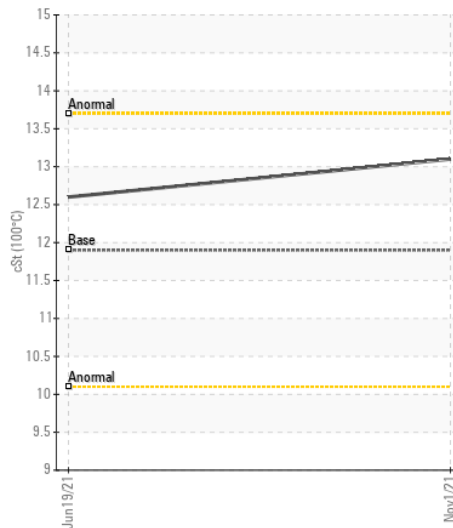
Alliages ferreux



Métaux non-ferreux



Viscosité 100°C



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0549552
N° de laboratoire : 02458160
Numéro unique : 5317721
Analyse : MAR 1

Reçu : 24 Nov 2021
Tested : 25 Nov 2021
Diagnostiqué : 25 Nov 2021 - Kevin Marson

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: