



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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC	WC0549552	WC0392746
Date d'échant.		Client Info		18 Oct 2022	01 Nov 2021	19 Jun 2021
Âge d la Machine	hrs	Client Info		0	31	24
Âge de l'huile	hrs	Client Info		0	10	3
Âge du filtre	hrs	Client Info		0	0	3
Huile changée		Client Info		N/A	Not Changd	Not Changd
Filtre changé		Client Info		N/A	N/A	Not Changd
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>150	7	5	4
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	0
Titane	ppm	ASTM D5185(m)	>2	<1	0	0
Argent	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	1	2	1
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	<1
Cuivre	ppm	ASTM D5185(m)	>30	2	1	1
Étain	ppm	ASTM D5185(m)	>15	<1	<1	0
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.

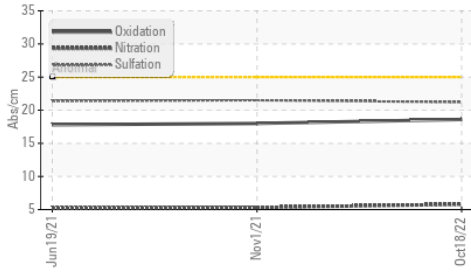
Silicium	ppm	ASTM D5185(m)	>25	19	18	16
Potassium	ppm	ASTM D5185(m)	>20	0	<1	<1
Essence		WC Method	>5	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	5.8	5.3	5.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.2	21.5	21.4
Limon	scalar	Visual*	NONE	NONE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	VLITE	NONE
Saleté	scalar	Visual*	NONE	NONE	NONE	VLITE
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

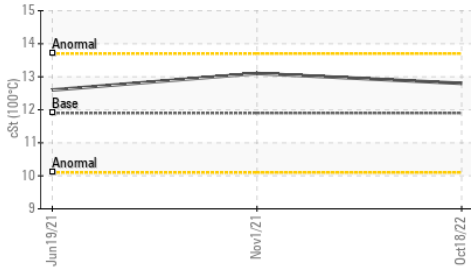
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		2	2	3
Bore	ppm	ASTM D5185(m)		71	74	70
Baryum	ppm	ASTM D5185(m)		<1	<1	<1
Molybdène	ppm	ASTM D5185(m)		39	37	36
Manganèse	ppm	ASTM D5185(m)		2	1	1
Magnésium	ppm	ASTM D5185(m)		464	492	468
Calcium	ppm	ASTM D5185(m)		1874	1736	1777
Phosphore	ppm	ASTM D5185(m)		844	841	774
Zinc	ppm	ASTM D5185(m)		872	902	914
Soufre	ppm	ASTM D5185(m)		2311	2315	2323
Oxydation	Abs/.1mm	ASTM D7414*	>25	18.6	18.0	17.8
Visc 100°C	cSt	ASTM D7279(m)	11.9	12.8	13.1	12.6

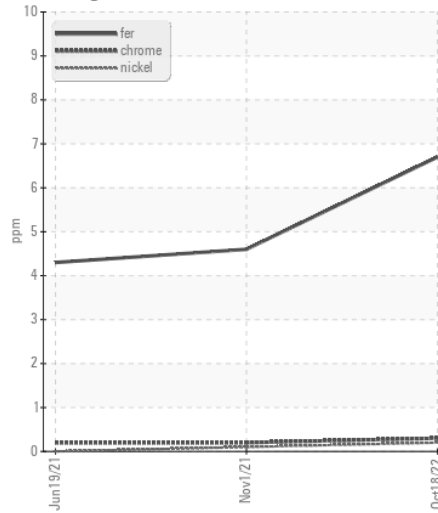
FT-IR (Direct Trend)



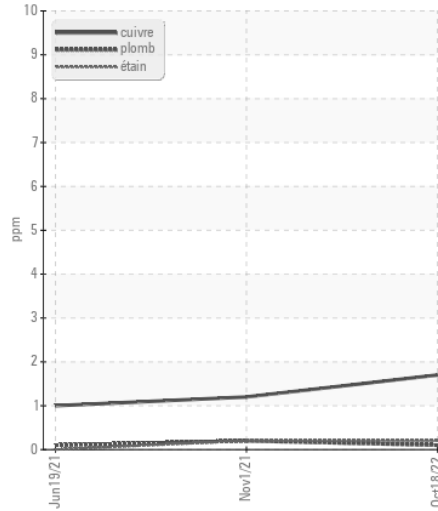
Viscosité 100°C



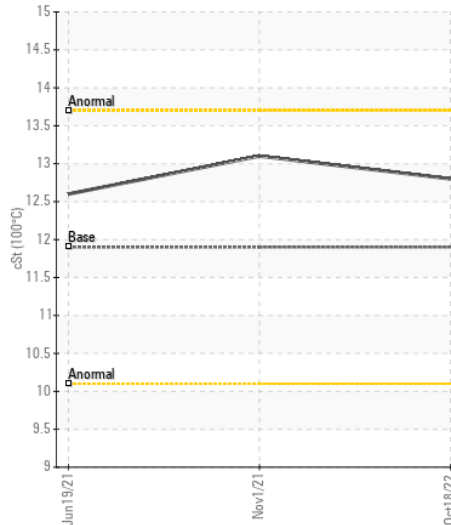
Alliages ferreux



Métaux non-ferreux



Viscosité 100°C



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : WC

N° de laboratoire : 02519109

Numéro unique : 5476089

Analyse : MAR 1

Reçu : 27 Oct 2022

Tested : 27 Oct 2022

Diagnostiqué : 27 Oct 2022 - Wes Davis

Canadian Coast Guard

CCGS Amundsen, 101 Boul. Champlain

Quebec, QC

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Contact: Chief Engineer

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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.