



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 SUPER15W40 (14 LTR)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill.
Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0751405	WC0392729	WC0350177
Date d'échant.		Client Info		03 Apr 2023	26 Oct 2020	14 Mar 2020
Âge d la Machine	hrs	Client Info		37	50	0
Âge de l'huile	hrs	Client Info		37	50	0
Âge du filtre	hrs	Client Info		0	50	0
Huile changée		Client Info		Not Changd	N/A	N/A
Filtre changé		Client Info		None	N/A	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>150	7	4	8
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titane	ppm	ASTM D5185(m)	>2	<1	0	<1
Argent	ppm	ASTM D5185(m)	>2	0	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	1	1	2
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	1
Cuivre	ppm	ASTM D5185(m)	>30	2	2	4
Étain	ppm	ASTM D5185(m)	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	<1
Métal blanc	scalar	Visual*	NONE	VLITE	---	VLITE
Bronze	scalar	Visual*	NONE	NONE	---	NONE

CONTAMINATION

There is no indication of any contamination in the oil.

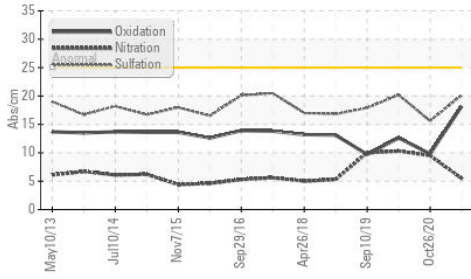
Silicium	ppm	ASTM D5185(m)	>25	19	17	39
Potassium	ppm	ASTM D5185(m)	>20	<1	2	3
Essence		WC Method	>5	<1.0	1.8	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	5.5	9.5	10.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.1	15.6	20.2
Limon	scalar	Visual*	NONE	NONE	---	NONE
Débris	scalar	Visual*	NONE	NONE	---	NONE
Saleté	scalar	Visual*	NONE	NONE	---	NONE
Apparence	scalar	Visual*	NORML	NORML	---	NORML
Odeur	scalar	Visual*	NORML	NORML	---	NORML
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

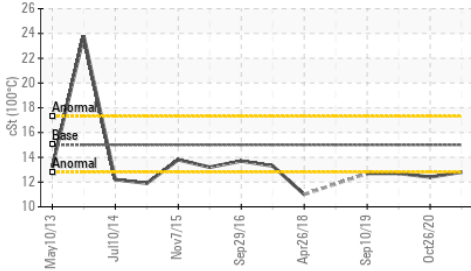
Additive levels indicate the addition of a different brand, or type of oil.
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		3	2	4
Bore	ppm	ASTM D5185(m)	0	72	96	225
Baryum	ppm	ASTM D5185(m)	0	<1	2	4
Molybdène	ppm	ASTM D5185(m)	0	39	8	18
Manganèse	ppm	ASTM D5185(m)		2	2	4
Magnésium	ppm	ASTM D5185(m)	0	484	10	22
Calcium	ppm	ASTM D5185(m)		1956	1943	4466
Phosphore	ppm	ASTM D5185(m)		875	500	1154
Zinc	ppm	ASTM D5185(m)		914	593	1315
Soufre	ppm	ASTM D5185(m)		2386	1839	4113
Oxydation	Abs/.1mm	ASTM D7414*	>25	18.2	9.8	12.6
Visc 100°C	cSt	ASTM D7279(m)	15.0	12.8	12.4	12.7

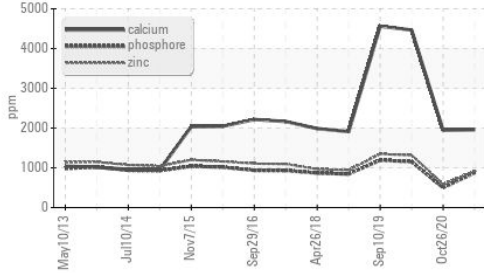
FT-IR (Direct Trend)



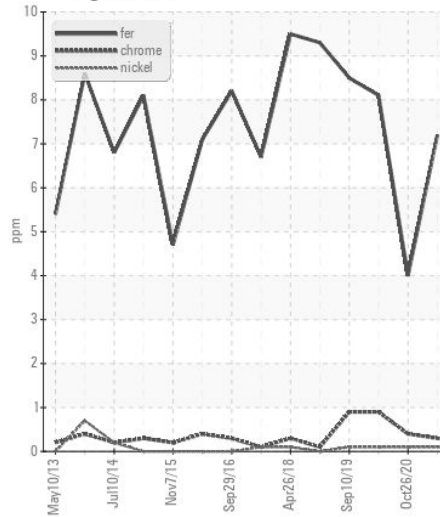
Viscosité 100°C



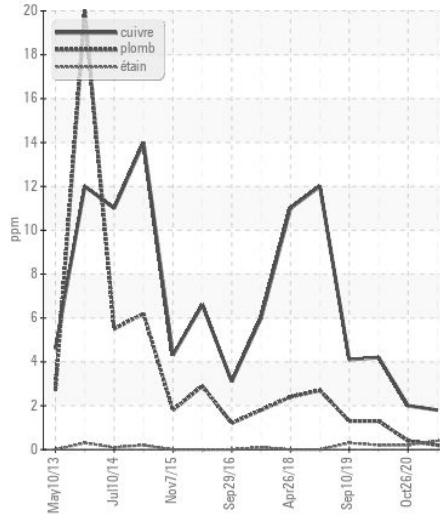
Additifs



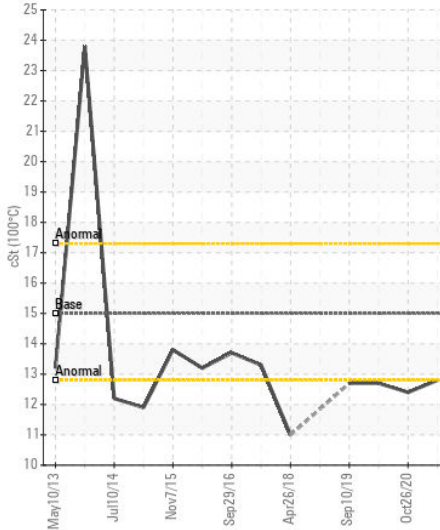
Alliages ferreux



Métaux non-ferreux



Viscosité 100°C



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0751405
N° de laboratoire : 02551998
Numéro unique : 5565013
Analyse : MAR 1

Reçu : 18 Apr 2023
Tested : 18 Apr 2023
Diagnostiqué : 18 Apr 2023 - Kevin Marson

Canadian Coast Guard
 CCGS Amundsen, 101 Boul. Champlain
 Quebec, QC
 CA G1K 7Y7

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.

F: x: