



RAPPORT D'ANALYSE D'HUILE

USURE	MARGINAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	ATTENTION

Secteur

Equipment Auxilaire/Salle des Machines

Identité de la machine

15J01B#01 Compresseur d'air Avant (S/N 05,2204-1-1)

Composant

Compresseur d'air Avant

Fluid

MOBIL RARUS 427 (4 LTR)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PP	WC0549548	WC0477013
Date d'échant.		Client Info		18 Oct 2022	31 Oct 2021	14 Jun 2021
Âge d la Machine	hrs	Client Info		27602	27378	27139
Âge de l'huile	hrs	Client Info		229	0	266
Âge du filtre	hrs	Client Info		0	0	0
Huile changée		Client Info		N/A	N/A	Not Changd
Filtre changé		Client Info		N/A	N/A	None
Statut de l'échant.				ATTENTION	NORMAL	NORMAL

USURE

Iron ppm levels are marginal. All other component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184*		20	---	---
Fer	ppm	ASTM D5185(m)	>50	▲ 49	<1	3
Chrome	ppm	ASTM D5185(m)	>4	0	0	0
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titane	ppm	ASTM D5185(m)		<1	0	0
Argent	ppm	ASTM D5185(m)		0	<1	<1
Aluminium	ppm	ASTM D5185(m)	>10	<1	0	<1
Plomb	ppm	ASTM D5185(m)	>20	0	<1	0
Cuivre	ppm	ASTM D5185(m)	>40	1	<1	<1
Étain	ppm	ASTM D5185(m)	>5	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	NONE	NONE
Bronze	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

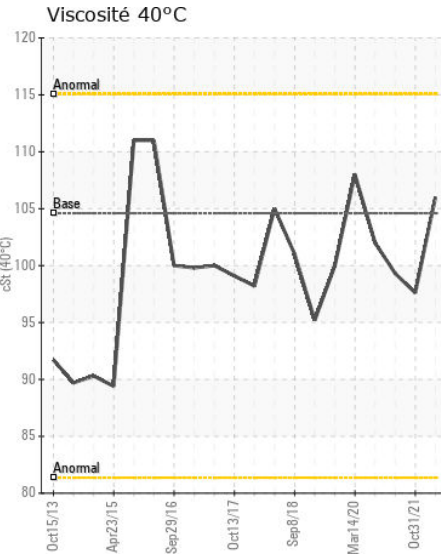
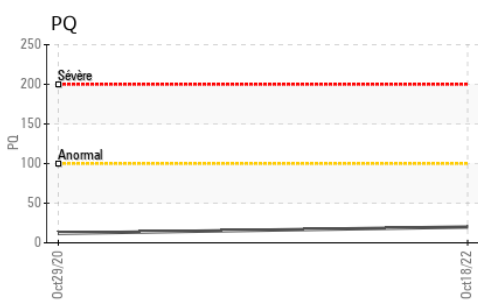
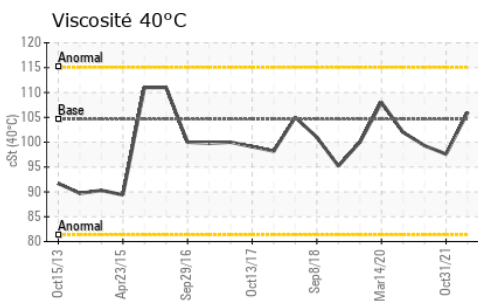
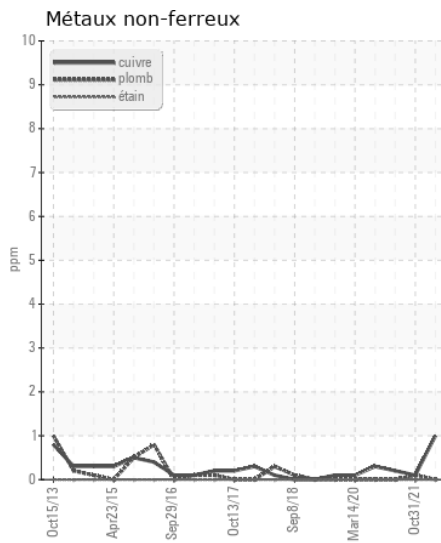
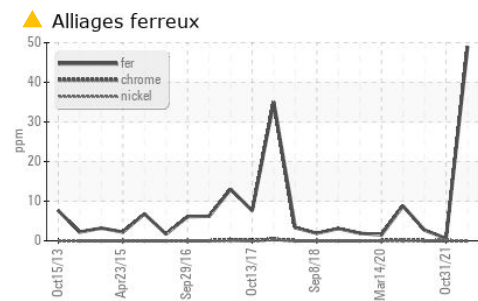
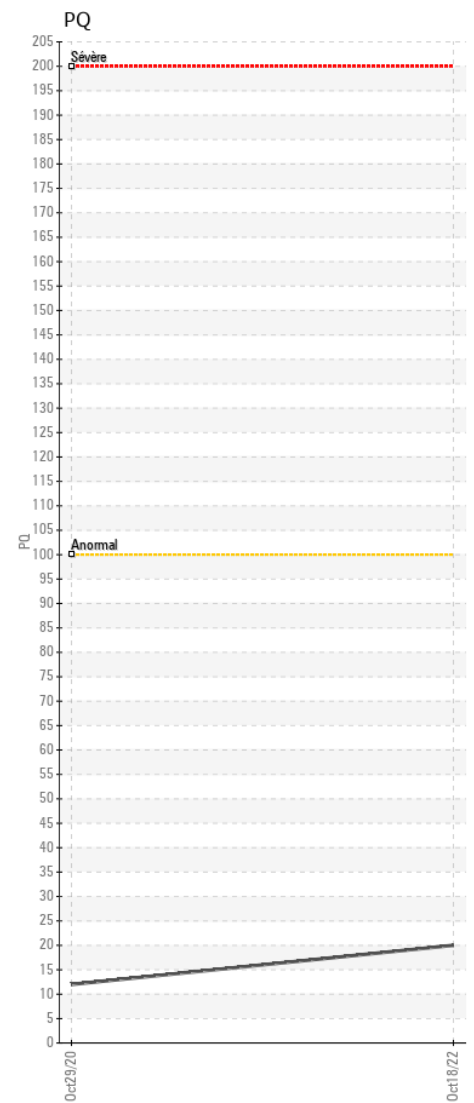
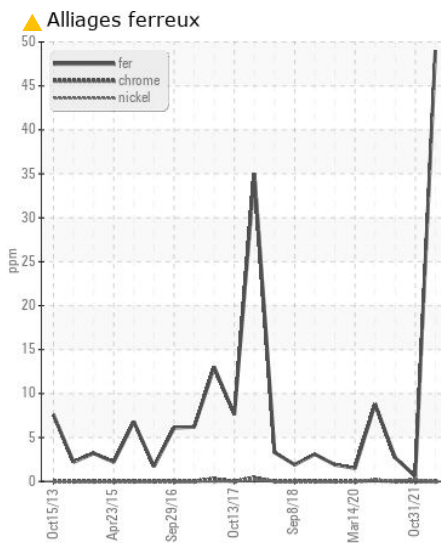
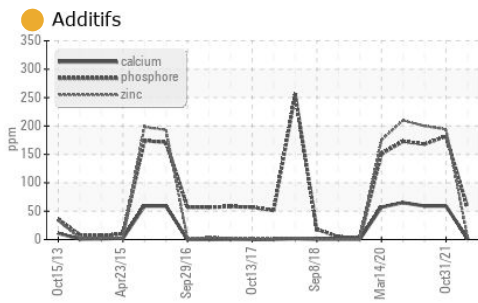
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicium	ppm	ASTM D5185(m)	>25	4	<1	1
Potassium	ppm	ASTM D5185(m)	>20	1	<1	<1
L'eau		WC Method	>0.6	NEG	NEG	NEG
Limon	scalar	Visual*	NONE	NONE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	NONE	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*	>0.6	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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185(m)		2	0	<1
Bore	ppm	ASTM D5185(m)		0	<1	<1
Baryum	ppm	ASTM D5185(m)		0	0	0
Molybdène	ppm	ASTM D5185(m)		0	0	0
Manganèse	ppm	ASTM D5185(m)		<1	0	0
Magnésium	ppm	ASTM D5185(m)		<1	<1	<1
Calcium	ppm	ASTM D5185(m)		1	59	59
Phosphore	ppm	ASTM D5185(m)		● 56	182	168
Zinc	ppm	ASTM D5185(m)		5	194	200
Soufre	ppm	ASTM D5185(m)		● 1085	780	801
Visc 40°C	cSt	ASTM D7279(m)	104.6	106	97.6	99.3



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PP
N° de laboratoire : 02519188
Numéro unique : 5476168
Analyse : MAR 1 (Additional Tests: PQ)

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
 F: x:

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.