



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

FWD THRUSTER

Composant

Boîte d'engrenages Inférieur

Fluide

PANOLIN MARGEAR 100 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0829228	---	---
Date d'échant.		Client Info		06 Sep 2023	---	---
Âge d la Machine	hrs	Client Info		8	---	---
Âge de l'huile	hrs	Client Info		8	---	---
Âge du filtre	hrs	Client Info		8	---	---
Huile changée		Client Info		N/A	---	---
Filtre changé		Client Info		N/A	---	---
Statut de l'échant.				NORMAL	---	---

USURE

All component wear rates are normal.

PQ		ASTM D8184*		0	---	---
Fer	ppm	ASTM D5185(m)	>150	<1	---	---
Chrome	ppm	ASTM D5185(m)	>10	0	---	---
Nickel	ppm	ASTM D5185(m)	>10	<1	---	---
Titane	ppm	ASTM D5185(m)		2	---	---
Argent	ppm	ASTM D5185(m)		0	---	---
Aluminium	ppm	ASTM D5185(m)	>5	<1	---	---
Plomb	ppm	ASTM D5185(m)	>65	0	---	---
Cuivre	ppm	ASTM D5185(m)	>80	<1	---	---
Étain	ppm	ASTM D5185(m)	>8	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

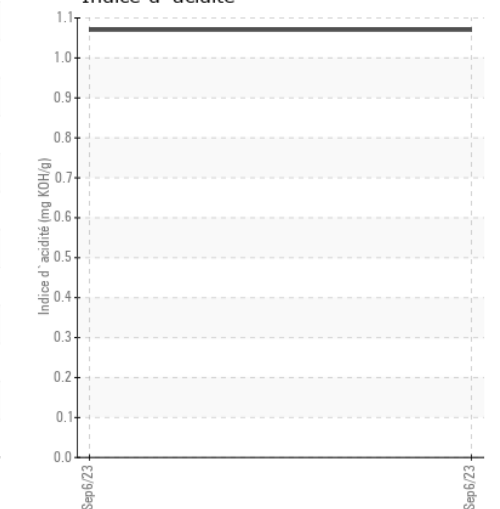
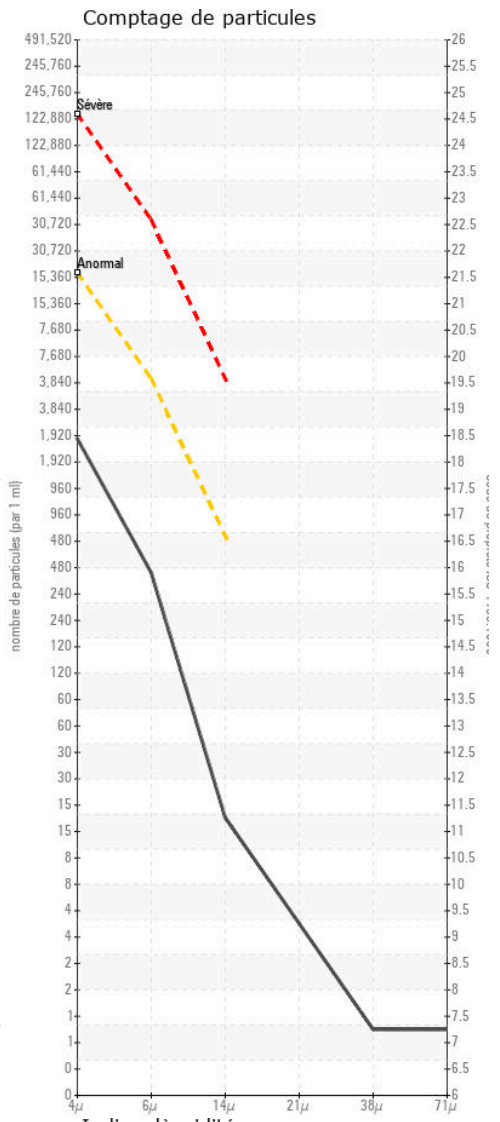
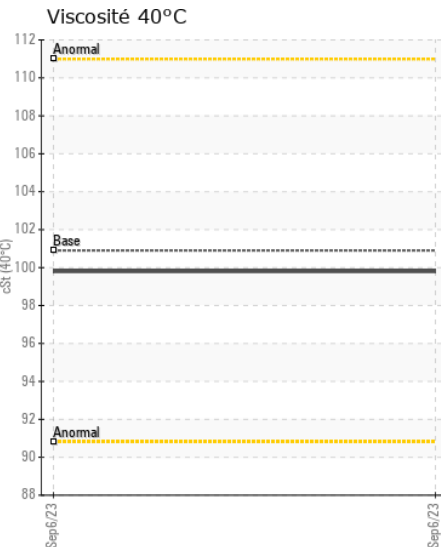
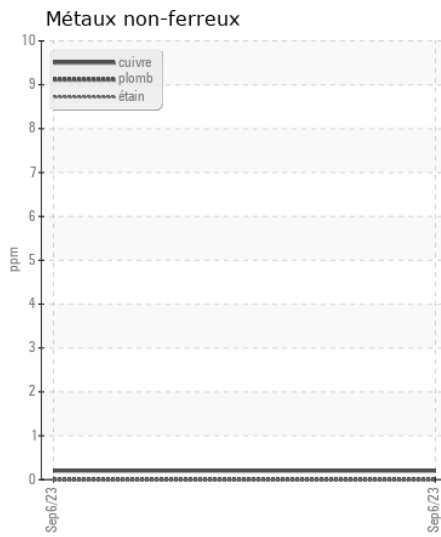
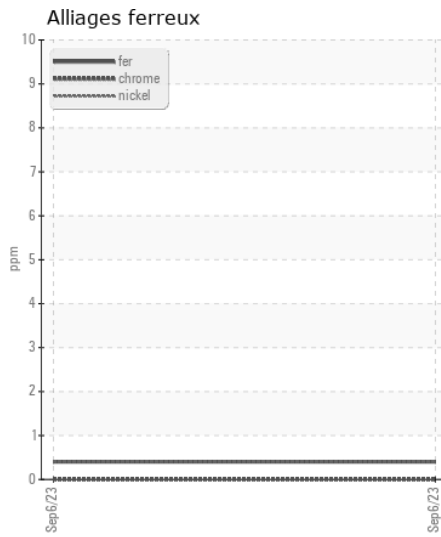
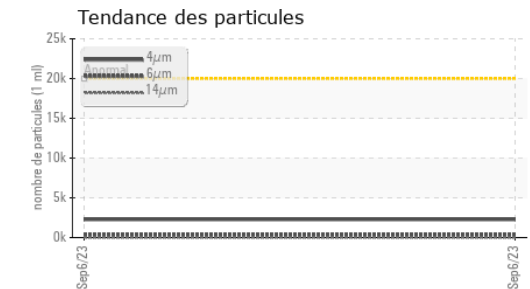
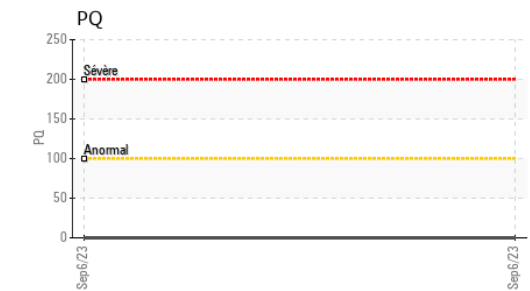
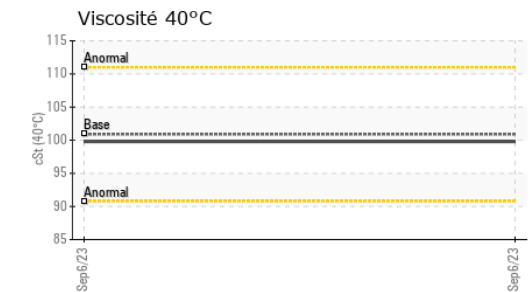
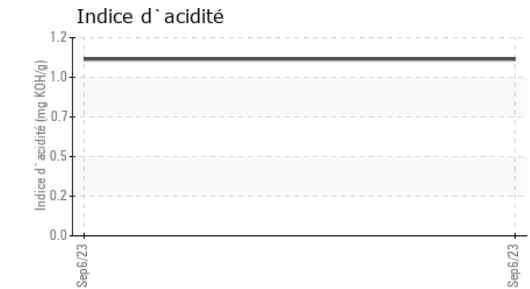
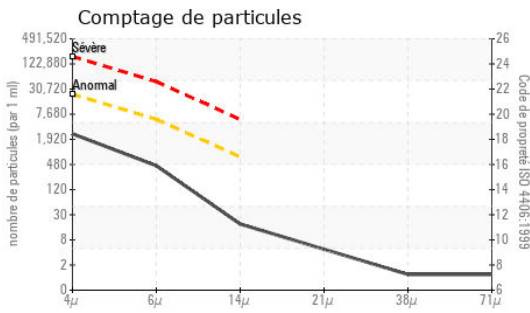
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Silicium	ppm	ASTM D5185(m)	>20	18	---	---
Potassium	ppm	ASTM D5185(m)	>20	0	---	---
Particules >4µ		ASTM D7647	>20000	2280	---	---
Particules >6µ		ASTM D7647	>5000	394	---	---
Particules >14µ		ASTM D7647	>640	16	---	---
Particules >21µ		ASTM D7647	>160	4	---	---
Particules >38µ		ASTM D7647	>40	1	---	---
Particules >71µ		ASTM D7647	>10	1	---	---
Propreté de l'huile		ISO 4406 (c)	>21/19/16	18/16/11	---	---
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185(m)		1	---	---
Bore	ppm	ASTM D5185(m)		<1	---	---
Baryum	ppm	ASTM D5185(m)		0	---	---
Molybdène	ppm	ASTM D5185(m)		0	---	---
Manganèse	ppm	ASTM D5185(m)		0	---	---
Magnésium	ppm	ASTM D5185(m)		1	---	---
Calcium	ppm	ASTM D5185(m)		4	---	---
Phosphore	ppm	ASTM D5185(m)		353	---	---
Zinc	ppm	ASTM D5185(m)		9	---	---
Soufre	ppm	ASTM D5185(m)		311	---	---
Indice d'acidité	mg KOH/g	ASTM D974*		1.07	---	---
Visc 40°C	cSt	ASTM D7279(m)	100.9	99.8	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0829228
N° de laboratoire : 02584551
Numéro unique : 5645616
Analyse : MAR 2 (Additional Tests: PQ, PrtCount)

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.