



RAPPORT D'ANALYSE D'HUILE

Sample Rating Trend

USURE



Identité de la machine

INTERNATIONAL 521041

Composant

Moteur diesel

Fluide

DIESEL ENGINE OIL SAE 10W30 (--- GAL)

DIAGNOSTIC

INFORMATION SUR L'ÉCHANTILLON		methode	limite/base	actuel	passé1	passé2
Numéro d'échant.	Client Info			GFL0091139	---	---
Date d'échant.	Client Info			02 Oct 2023	---	---
Âge d la Machine	hrs	Client Info		18323	---	---
Âge de l'huile	hrs	Client Info		586	---	---
Huile changée	Client Info			Changed	---	---
Statut de l'échant.				SEVERE	---	---

CONTAMINATION		methode	limite/base	actuel	passé1	passé2
Essence	WC Method		>2.0	<1.0	---	---

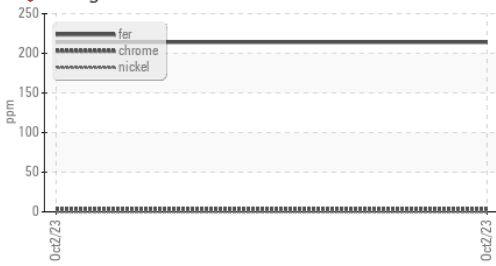
MÉTAUX D'USURE		methode	limite/base	actuel	passé1	passé2
PQ		ASTM D8184*		102	---	---
Fer	ppm	ASTM D5185(m)	>100	214	---	---
Chrome	ppm	ASTM D5185(m)	>20	3	---	---
Nickel	ppm	ASTM D5185(m)	>4	0	---	---
Titane	ppm	ASTM D5185(m)		0	---	---
Argent	ppm	ASTM D5185(m)	>3	<1	---	---
Aluminium	ppm	ASTM D5185(m)	>20	10	---	---
Plomb	ppm	ASTM D5185(m)	>40	4	---	---
Cuivre	ppm	ASTM D5185(m)	>330	2	---	---
Étain	ppm	ASTM D5185(m)	>15	<1	---	---
Antimoine	ppm	ASTM D5185(m)		0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Béryllium	ppm	ASTM D5185(m)		0	---	---
Cadmium	ppm	ASTM D5185(m)		0	---	---

ADDITIFS		methode	limite/base	actuel	passé1	passé2
Bore	ppm	ASTM D5185(m)	250	22	---	---
Baryum	ppm	ASTM D5185(m)	10	<1	---	---
Molybdène	ppm	ASTM D5185(m)	100	85	---	---
Manganèse	ppm	ASTM D5185(m)		1	---	---
Magnésium	ppm	ASTM D5185(m)	450	823	---	---
Calcium	ppm	ASTM D5185(m)	3000	1245	---	---
Phosphore	ppm	ASTM D5185(m)	1150	934	---	---
Zinc	ppm	ASTM D5185(m)	1350	1148	---	---
Soufre	ppm	ASTM D5185(m)	4250	2456	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---

CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	>25	31	---	---
Sodium	ppm	ASTM D5185(m)		155	---	---
Potassium	ppm	ASTM D5185(m)	>20	15	---	---
Glycol	%	ASTM D7922*		0.0	---	---

INFRA-RED		methode	limite/base	actuel	passé1	passé2
% de suie	%	ASTM D7844*	>3	1.3	---	---
Nitration	Abs/cm	ASTM D7624*	>20	12.4	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	24.9	---	---

Alliages ferreux



FLUID DEGRADATION

test	methode	limite/base	actuel	passé1	passé2
Oxydation	Abs./1mm	ASTM D7414*	>25	19.8	---

VISUEL

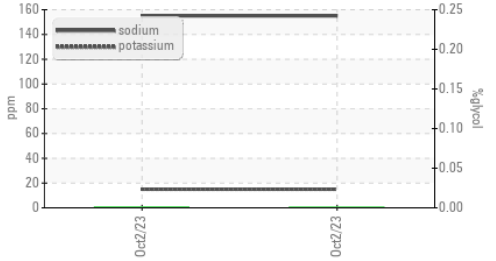
test	methode	limite/base	actuel	passé1	passé2
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---
Eau libre	scalar	Visual*		NEG	---

PROPRIÉTÉS DU FLUID

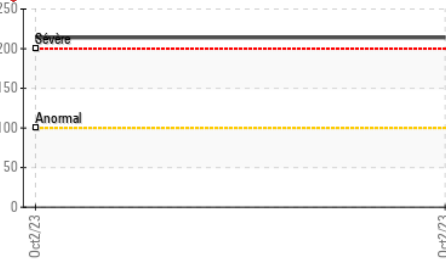
test	methode	limite/base	actuel	passé1	passé2
Visc 100°C	cSt	ASTM D7279(m)	10.9	12.3	---

GRAPHIQUES

Contamination par le glycol



Fer (ppm)



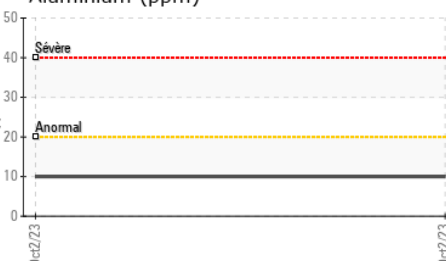
Plomb (ppm)



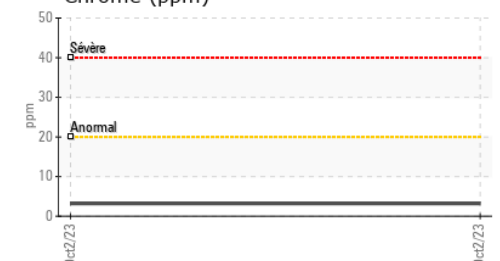
PQ



Aluminium (ppm)



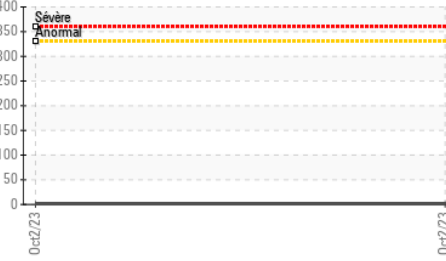
Chrome (ppm)



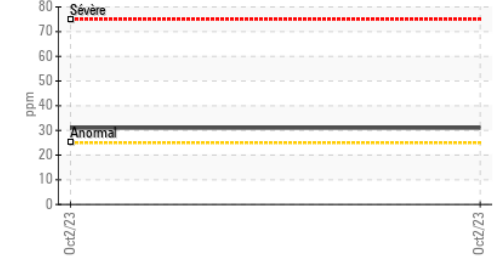
Viscosité 100°C



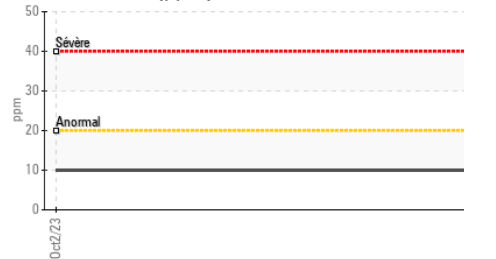
Cuivre (ppm)



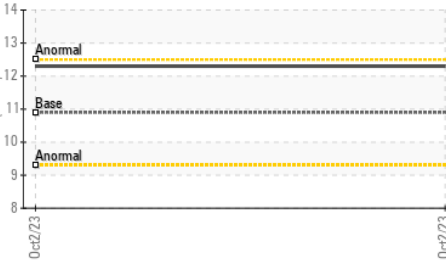
Silicium (ppm)



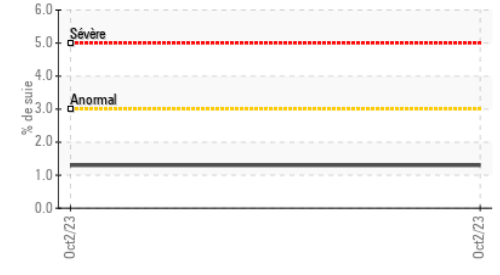
Aluminium (ppm)



Viscosité 100°C



% de suie



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental 791MAT - Matane**
N° d'échantillon : GFL0091139 **Reçu** : 12 Oct 2023 29 rue Brilliant
N° de laboratoire : 02588534 **Diagnostiqué** : 12 Oct 2023 Matane, QC
Numéro unique : 5657600 **Diagnostiqueur** : Kevin Marson CA G4W 0J7
Analyse : MOB 1 (Additional Tests: Glycol, PQ) Contact: B Berube

Pour discuter cette 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.

T:
F: