



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL



Secteur
[99352]
 Identité de la machine
2WJ01536
 Composant
Moteur diesel
 Fluide
DIESEL ENGINE OIL SAE 15W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU0018098	CU0016869	---
Date d'échant.		Client Info		10 Apr 2023	09 Nov 2020	---
Âge d la Machine	hrs	Client Info		141	130	---
Âge de l'huile	hrs	Client Info		0	0	---
Âge du filtre	hrs	Client Info		0	0	---
Huile changée		Client Info		Not Chngd	Changed	---
Filtre changé		Client Info		Not Chngd	N/A	---
Statut de l'échant.				NORMAL	NORMAL	---

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>100	2	2	---
Chrome	ppm	ASTM D5185(m)	>20	0	0	---
Nickel	ppm	ASTM D5185(m)	>2	<1	0	---
Titane	ppm	ASTM D5185(m)	>2	<1	80	---
Argent	ppm	ASTM D5185(m)	>2	0	<1	---
Aluminium	ppm	ASTM D5185(m)	>25	1	2	---
Plomb	ppm	ASTM D5185(m)	>40	6	0	---
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	---
Étain	ppm	ASTM D5185(m)	>15	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	<1	---

CONTAMINATION

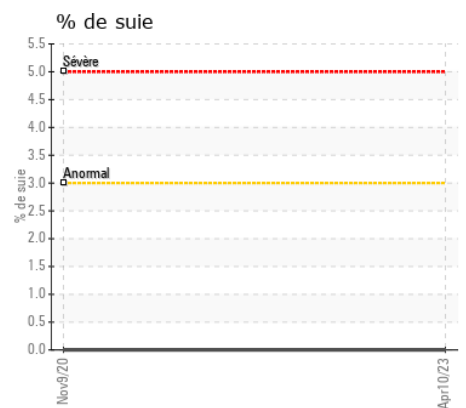
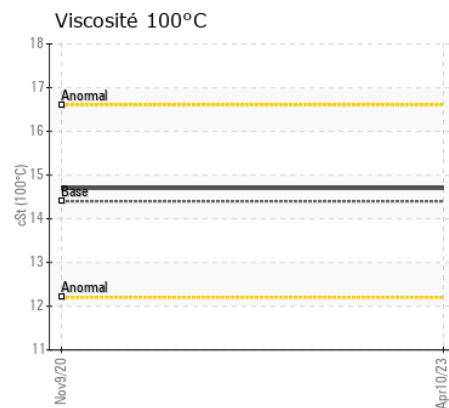
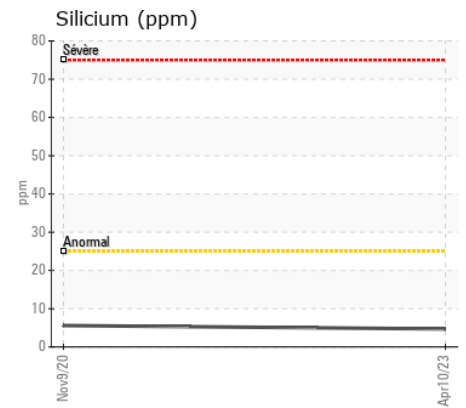
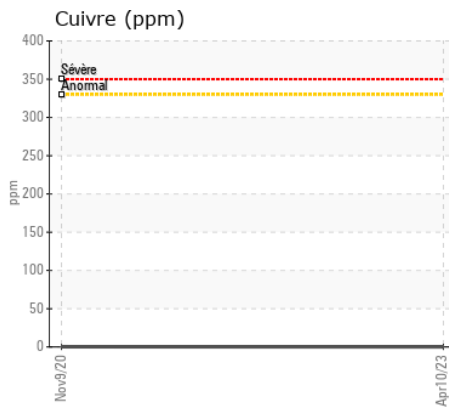
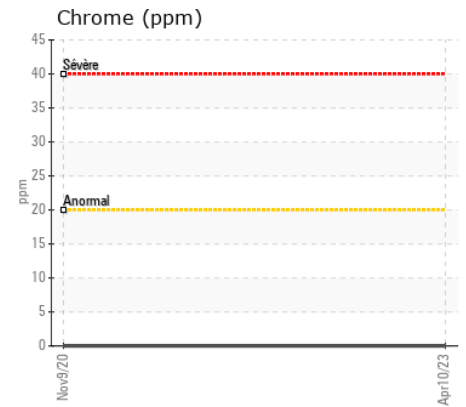
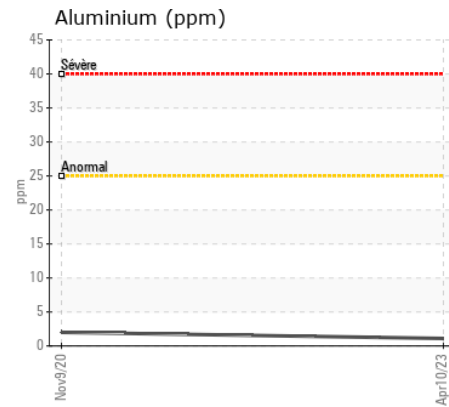
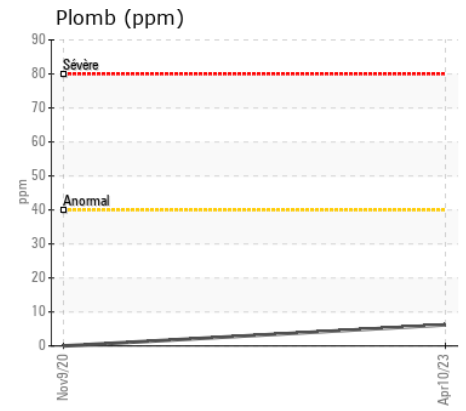
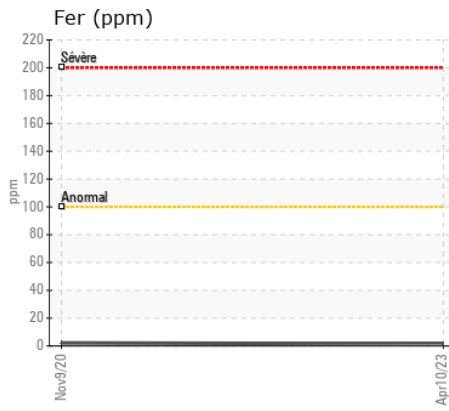
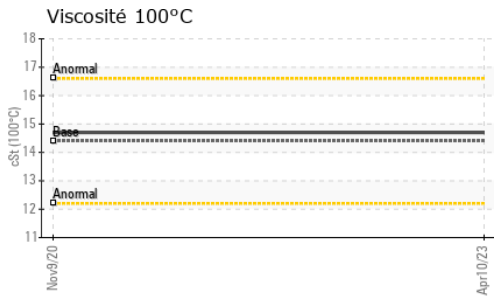
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	5	6	---
Potassium	ppm	ASTM D5185(m)	>20	0	3	---
Essence		WC Method	>5	<1.0	<1.0	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>3	0	0	---
Nitration	Abs/cm	ASTM D7624*	>20	5.4	6.0	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.6	18.6	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	---

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)	>158	3	3	---
Bore	ppm	ASTM D5185(m)	250	46	132	---
Baryum	ppm	ASTM D5185(m)	10	0	0	---
Molybdène	ppm	ASTM D5185(m)	100	43	3	---
Manganèse	ppm	ASTM D5185(m)		<1	<1	---
Magnésium	ppm	ASTM D5185(m)	450	762	388	---
Calcium	ppm	ASTM D5185(m)	3000	1160	1665	---
Phosphore	ppm	ASTM D5185(m)	1150	737	966	---
Zinc	ppm	ASTM D5185(m)	1350	764	1147	---
Soufre	ppm	ASTM D5185(m)	4250	1966	3323	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	12.8	13.8	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	14.7	14.7	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0018098
N° de laboratoire : 02550796
Numéro unique : 5555806
Analyse : MOB 1

Reçu : 12 Apr 2023
Diagnostiqué : 12 Apr 2023
Diagnostiqueur : Wes Davis

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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.
 Validity of results and interpretation are based on the sample and information as supplied.