



# RAPPORT D'ANALYSE D'HUILE

USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Identité de la machine

**NAVISTAR 3303**

Composant

**Moteur diesel**

Fluid

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

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>WC0889991</b>	WC0889969	WC0877575
Date d'échant.		Client Info		<b>03 Feb 2024</b>	23 Dec 2023	17 Nov 2023
Âge d la Machine	hrs	Client Info		<b>54204</b>	37746	19275
Âge de l'huile	hrs	Client Info		<b>16458</b>	18472	19275
Âge du filtre	hrs	Client Info		<b>16458</b>	18472	19275
Huile changée		Client Info		<b>Changed</b>	Changed	Changed
Filtre changé		Client Info		<b>Changed</b>	Changed	Changed
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

## USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>90	<b>24</b>	25	33
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	<b>9</b>	5	8
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	0	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>2</b>	2	11
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

## CONTAMINATION

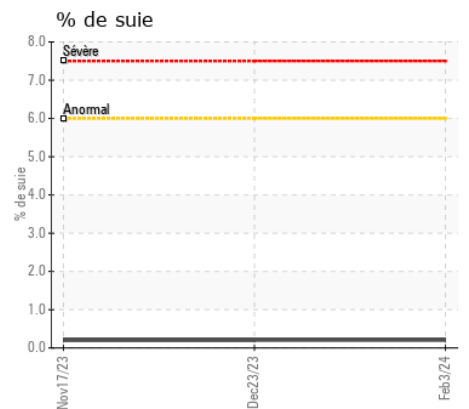
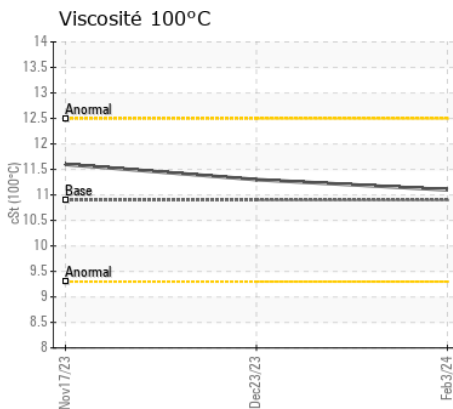
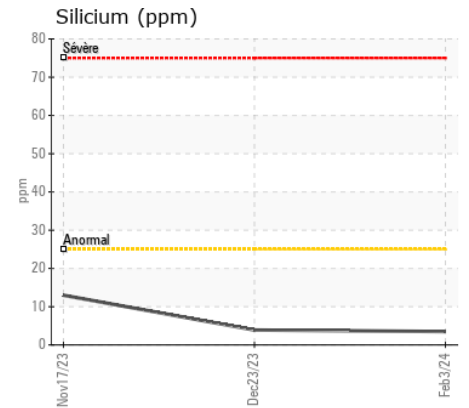
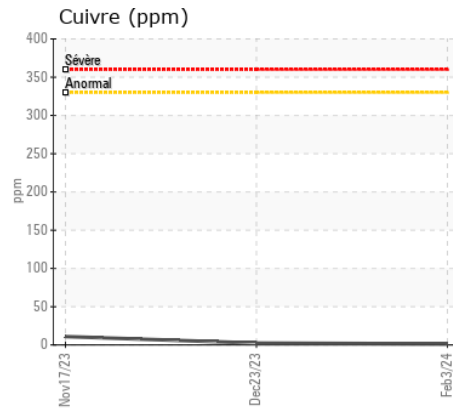
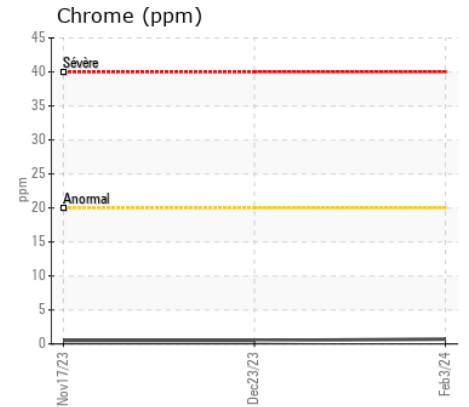
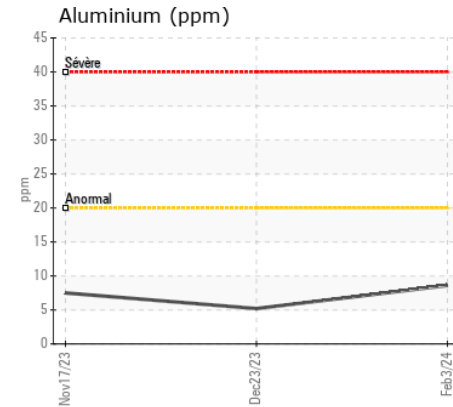
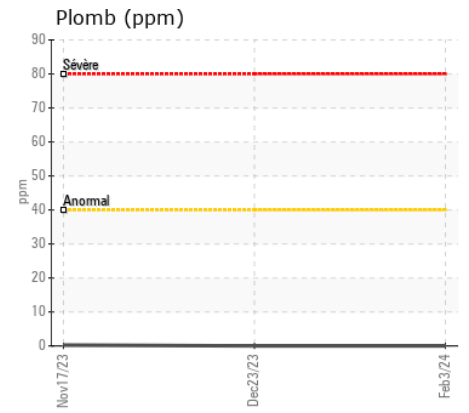
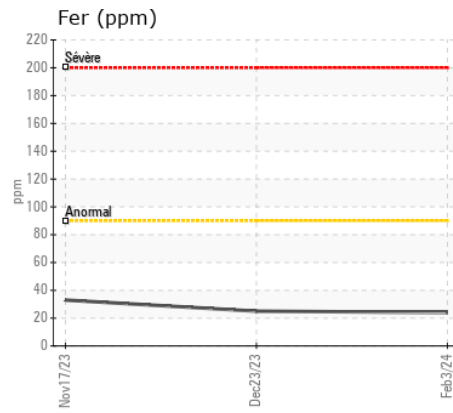
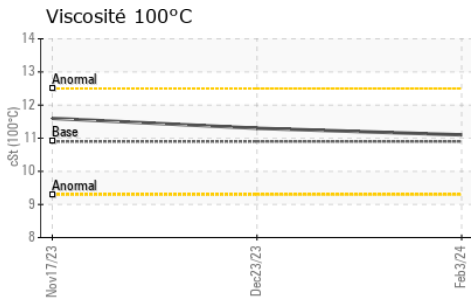
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>4</b>	4	13
Potassium	ppm	ASTM D5185(m)	>20	<b>6</b>	5	13
Essence		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	<1.0
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>6	<b>0.2</b>	0.2	0.2
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.9</b>	9.1	10.1
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.9</b>	20.0	21.3
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

## ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		<b>1</b>	1	5
Bore	ppm	ASTM D5185(m)	250	<b>1</b>	3	20
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	<1	4
Molybdène	ppm	ASTM D5185(m)	100	<b>60</b>	58	53
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	3
Magnésium	ppm	ASTM D5185(m)	450	<b>980</b>	962	881
Calcium	ppm	ASTM D5185(m)	3000	<b>1108</b>	1178	1242
Phosphore	ppm	ASTM D5185(m)	1150	<b>1035</b>	1017	821
Zinc	ppm	ASTM D5185(m)	1350	<b>1206</b>	1183	995
Soufre	ppm	ASTM D5185(m)	4250	<b>2712</b>	2730	2186
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>16.5</b>	16.7	19.3
Visc 100°C	cSt	ASTM D7279(m)	10.9	<b>11.1</b>	11.3	11.6



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WC0889991  
**N° de laboratoire** : 02614968  
**Numéro unique** : 5724063  
**Analyse** : MOB 1

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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.