MOB I

WEAR CHECK

RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine
NAVISTAR 52933
Composant
Moteur diesel
Fluide
DIESEL ENGINE OIL SAE 10W30 (--- LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

USURE

Metal levels are typical for a new component breaking in.

CONTAMINATION

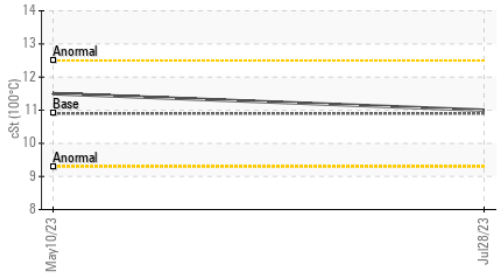
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

ÉTAT DU FLUIDE

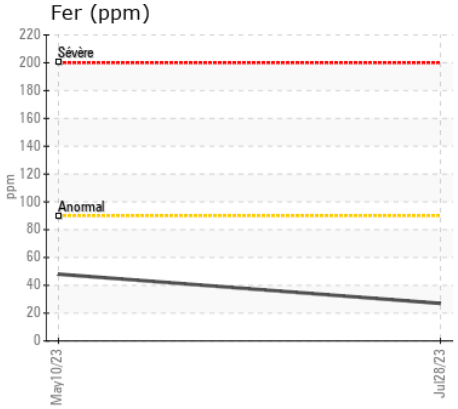
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		**WC0836016**	WC0813007	---
Date d'échant.		Client Info		**28 Jul 2023**	10 May 2023	---
Âge d la Machine	mls	Client Info		**61102**	31640	---
Âge de l'huile	mls	Client Info		**29462**	31640	---
Âge du filtre	mls	Client Info		**29462**	31640	---
Huile changée		Client Info		**Changed**	Changed	---
Filtre changé		Client Info		**Changed**	Changed	---
Statut de l'échant.				**NORMAL**	NORMAL	---
Fer	ppm	ASTM D5185(m)	>90	**27**	48	---
Chrome	ppm	ASTM D5185(m)	>20	**2**	1	---
Nickel	ppm	ASTM D5185(m)	>2	**<1**	<1	---
Titane	ppm	ASTM D5185(m)	>2	**0**	<1	---
Argent	ppm	ASTM D5185(m)	>2	**<1**	1	---
Aluminium	ppm	ASTM D5185(m)	>20	**41**	21	---
Plomb	ppm	ASTM D5185(m)	>40	**5**	5	---
Cuivre	ppm	ASTM D5185(m)	>330	**5**	19	---
Étain	ppm	ASTM D5185(m)	>15	**2**	4	---
Vanadium	ppm	ASTM D5185(m)		**0**	0	---
Silicium	ppm	ASTM D5185(m)	>25	**12**	40	---
Potassium	ppm	ASTM D5185(m)	>20	**114**	47	---
Essence		WC Method	>3.0	**<1.0**	<1.0	---
Glycol		WC Method		**NEG**	NEG	---
% de suie	%	ASTM D7844*	>6	**0.2**	0.2	---
Nitration	Abs/cm	ASTM D7624*	>20	**8.2**	9.0	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	**20.3**	21.5	---
Eau émulsifiée	scalar	Visual*	>0.2	**NEG**	NEG	---
Sodium	ppm	ASTM D5185(m)		**2**	4	---
Bore	ppm	ASTM D5185(m)	250	**6**	46	---
Baryum	ppm	ASTM D5185(m)	10	**<1**	4	---
Molybdène	ppm	ASTM D5185(m)	100	**62**	62	---
Manganèse	ppm	ASTM D5185(m)		**1**	5	---
Magnésium	ppm	ASTM D5185(m)	450	**947**	453	---
Calcium	ppm	ASTM D5185(m)	3000	**1126**	1752	---
Phosphore	ppm	ASTM D5185(m)	1150	**1054**	1008	---
Zinc	ppm	ASTM D5185(m)	1350	**1219**	1175	---
Soufre	ppm	ASTM D5185(m)	4250	**2467**	2369	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	**14.7**	18.7	---
Visc 100°C	cSt	ASTM D7279(m)	10.9	**11.0**	11.5	---

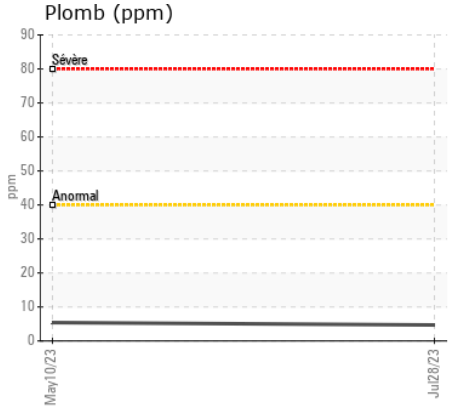
Viscosité 100°C



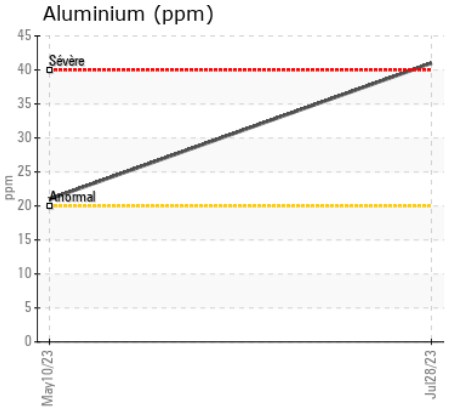
Fer (ppm)



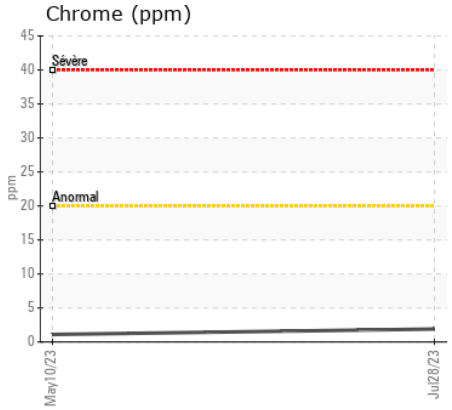
Plomb (ppm)



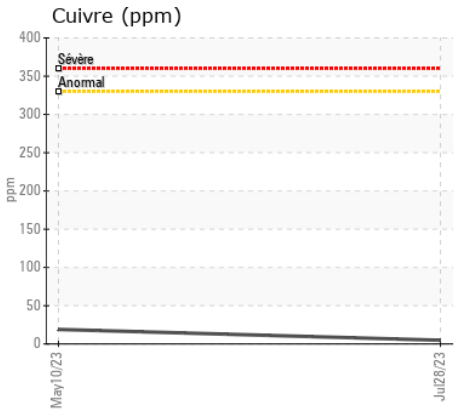
Aluminium (ppm)



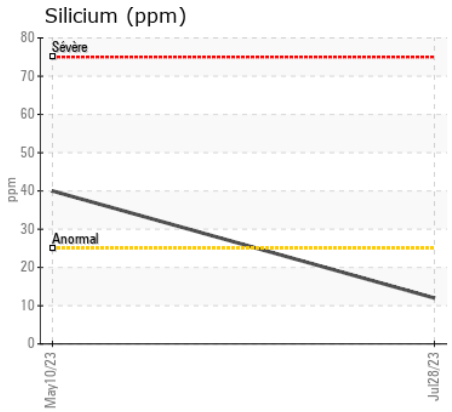
Chrome (ppm)



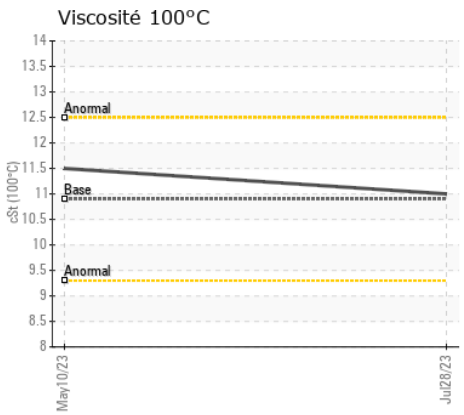
Cuivre (ppm)



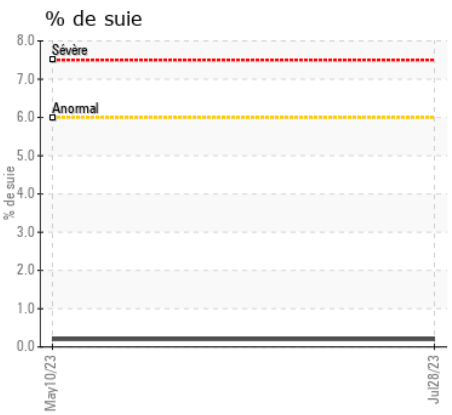
Silicium (ppm)



Viscosité 100°C



% de suie



CALA
ISO 17025:2017 Accredited Laboratory

Laboratoire	: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9		
Nº d'échantillon	: WC0836016	**Reçu**	: 31 Aug 2023
Nº de laboratoire	: 02579604	**Diagnostiqué**	: 31 Aug 2023
Numéro unique	: 5632664	**Diagnostiqueur**	: Wes Davis
Analyse	: MOB 1		

Pour discuter cetter 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.

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