



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

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		WC0929486	WC0929469	WC0909576
Date d'échant.		Client Info		08 Jun 2024	20 Apr 2024	18 Mar 2024
Âge d la Machine	hrs	Client Info		107120	91171	72536
Âge de l'huile	hrs	Client Info		15949	18635	18832
Âge du filtre	hrs	Client Info		15949	18635	18832
Huile changée		Client Info		Changed	Changed	Changed
Filtre changé		Client Info		Changed	Changed	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>90	15	18	22
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titane	ppm	ASTM D5185(m)	>2	0	0	0
Argent	ppm	ASTM D5185(m)	>2	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	11	8	8
Plomb	ppm	ASTM D5185(m)	>40	0	0	0
Cuivre	ppm	ASTM D5185(m)	>330	1	2	1
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

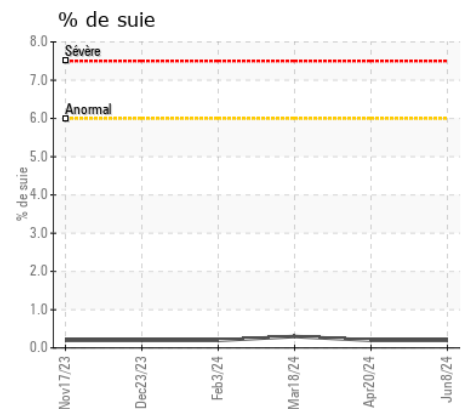
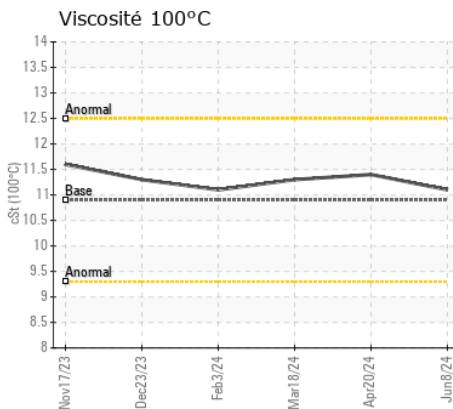
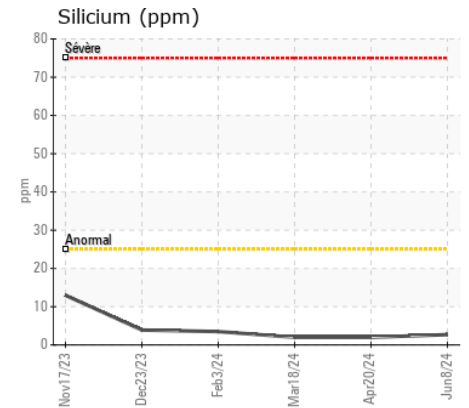
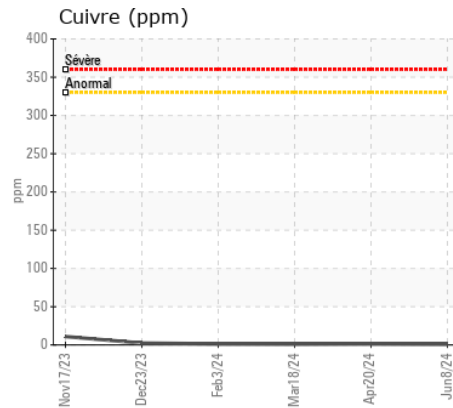
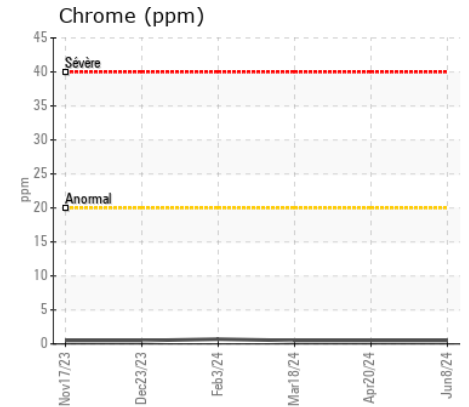
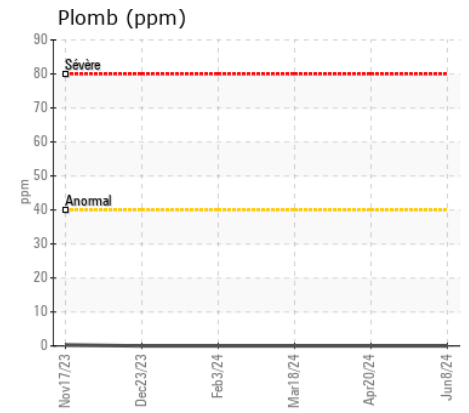
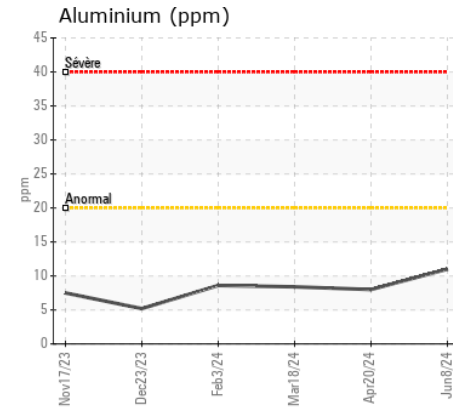
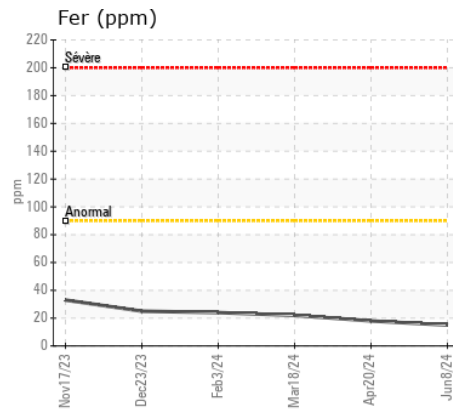
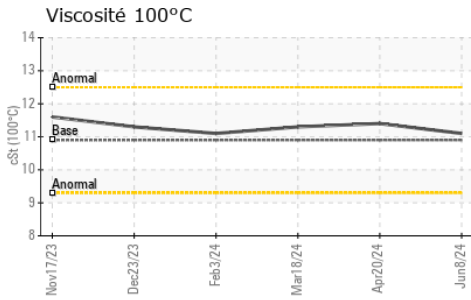
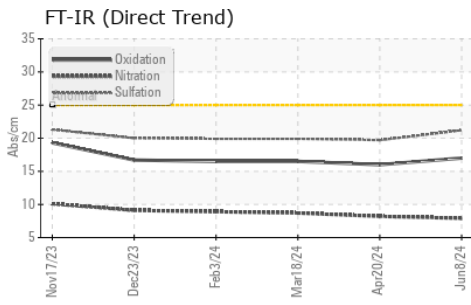
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	2	2
Potassium	ppm	ASTM D5185(m)	>20	14	7	7
Essence		WC Method	>3.0	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>6	0.2	0.2	0.3
Nitration	Abs/cm	ASTM D7624*	>20	7.9	8.2	8.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.2	19.7	19.9
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		1	1	1
Bore	ppm	ASTM D5185(m)	250	2	<1	1
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	55	61	60
Manganèse	ppm	ASTM D5185(m)		<1	<1	0
Magnésium	ppm	ASTM D5185(m)	450	879	991	999
Calcium	ppm	ASTM D5185(m)	3000	994	1141	1078
Phosphore	ppm	ASTM D5185(m)	1150	985	1029	1003
Zinc	ppm	ASTM D5185(m)	1350	1165	1234	1213
Soufre	ppm	ASTM D5185(m)	4250	2393	2532	2525
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.0	16.0	16.5
Visc 100°C	cSt	ASTM D7279(m)	10.9	11.1	11.4	11.3



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : WC0929486

N° de laboratoire : 02642854

Numéro unique : 5800393

Analyse : MOB 1

Reçu : 19 Jun 2024

Tested : 19 Jun 2024

Diagnostiqué : 19 Jun 2024 - 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.

La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.