



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

4000 Series
Identité de la machine
Navistar 4321

Composant

Moteur diesel

Fluid

PETRO CANADA DURON SHP 10W30 (16 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0890009	WC0877567	WC0857918
Date d'échant.		Client Info		16 Jan 2024	16 Nov 2023	28 Sep 2023
Âge d la Machine	mls	Client Info		9097	8934	194801
Âge de l'huile	mls	Client Info		9097	8934	10797
Âge du filtre	mls	Client Info		9097	8934	10797
Huile changée		Client Info		Changed	Changed	Changed
Filtre changé		Client Info		Changed	Changed	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>100	24	16	21
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	0
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	0	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	7	5	9
Plomb	ppm	ASTM D5185(m)	>40	0	0	0
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	<1
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

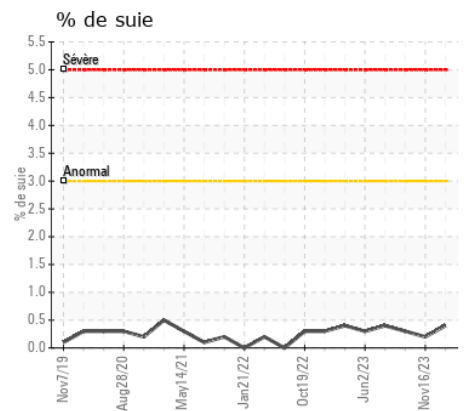
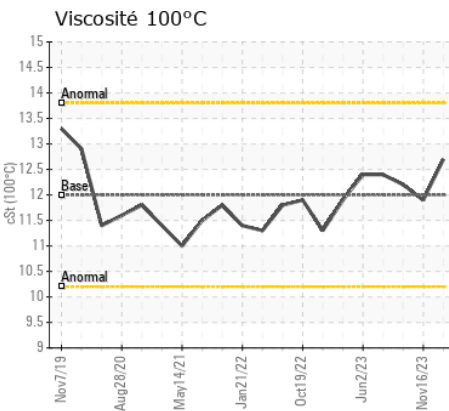
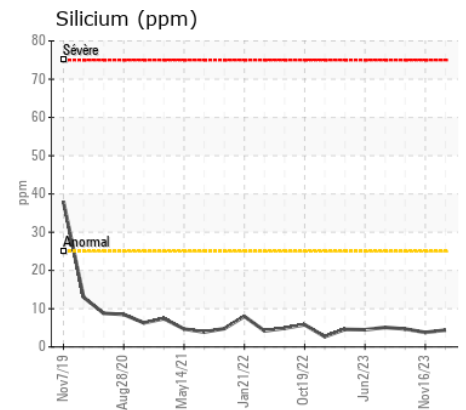
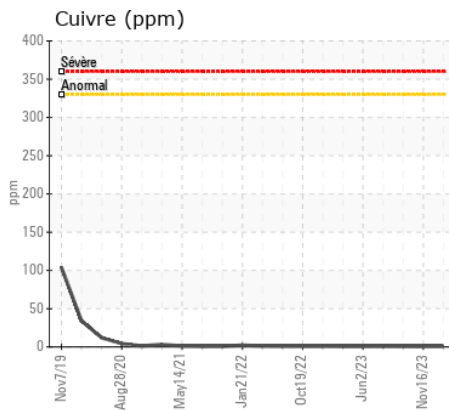
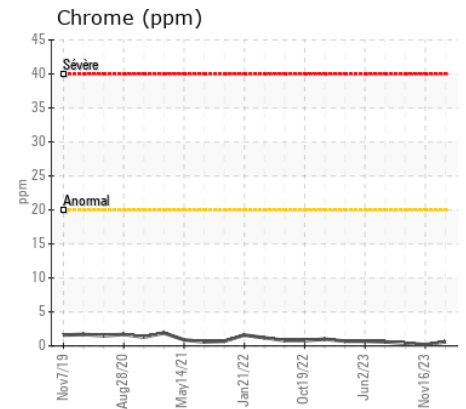
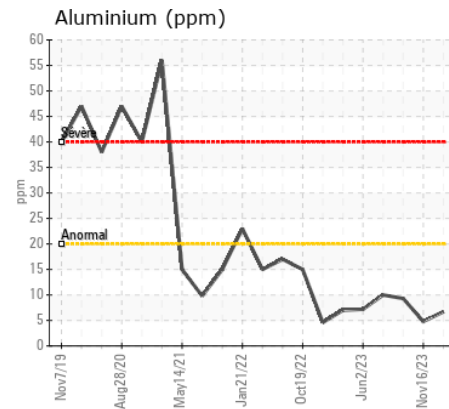
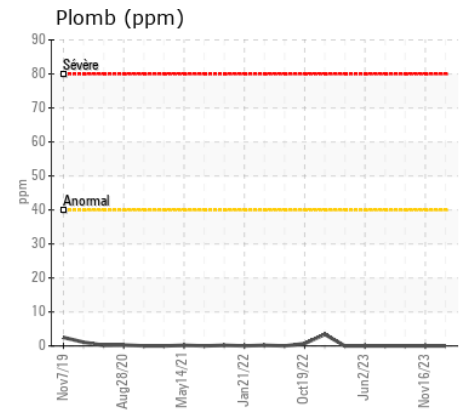
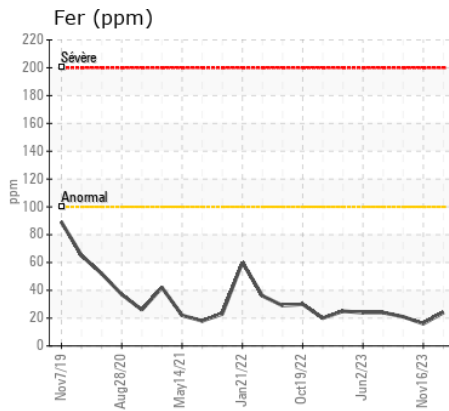
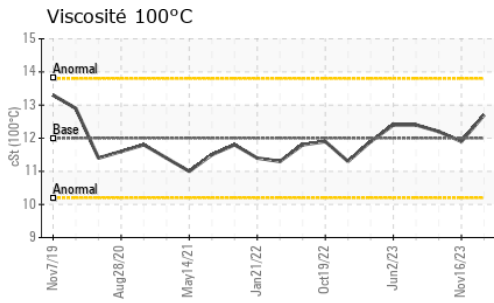
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	4	5
Potassium	ppm	ASTM D5185(m)	>20	2	1	26
Essence		WC Method	>5	<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*	>3	0.4	0.2	0.3
Nitration	Abs/cm	ASTM D7624*	>20	14.3	11.6	12.5
Sulfatation	Abs/.1mm	ASTM D7415*	>30	25.3	22.5	24.0
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)		3	2	4
Bore	ppm	ASTM D5185(m)	2	2	2	2
Baryum	ppm	ASTM D5185(m)	0	0	<1	<1
Molybdène	ppm	ASTM D5185(m)	50	68	64	66
Manganèse	ppm	ASTM D5185(m)	0	0	0	0
Magnésium	ppm	ASTM D5185(m)	950	1133	1051	1074
Calcium	ppm	ASTM D5185(m)	1050	1351	1365	1235
Phosphore	ppm	ASTM D5185(m)	995	1129	1090	1110
Zinc	ppm	ASTM D5185(m)	1180	1383	1337	1349
Soufre	ppm	ASTM D5185(m)	2600	2826	2793	2582
Oxydation	Abs/.1mm	ASTM D7414*	>25	25.2	21.2	22.9
Visc 100°C	cSt	ASTM D7279(m)	12.00	12.7	11.9	12.2



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0890009 **Reçu** : 22 Jan 2024
N° de laboratoire : 02610235 **Diagnostiqué** : 23 Jan 2024
Numéro unique : 5711321 **Diagnostiqueur** : Kevin Marson
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.