



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

52000 series

Identité de la machine

Navistar 52660

Composant

Moteur diesel

Fluide

PETRO CANADA DURON SHP 10W30 (40 LTR)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill.
Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0877565	WC0787346	WC0730313
Date d'échant.		Client Info		09 Nov 2023	19 Apr 2023	07 Sep 2022
Âge d la Machine	mls	Client Info		725294	665251	606718
Âge de l'huile	mls	Client Info		41235	58532	30061
Âge du filtre	mls	Client Info		41235	58532	30061
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)	>165	35	26	41
Chrome	ppm	ASTM D5185(m)	>5	1	1	3
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titane	ppm	ASTM D5185(m)	>2	0	<1	<1
Argent	ppm	ASTM D5185(m)	>2	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	2	3	4
Plomb	ppm	ASTM D5185(m)	>150	6	4	5
Cuivre	ppm	ASTM D5185(m)	>90	1	<1	1
Étain	ppm	ASTM D5185(m)	>5	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

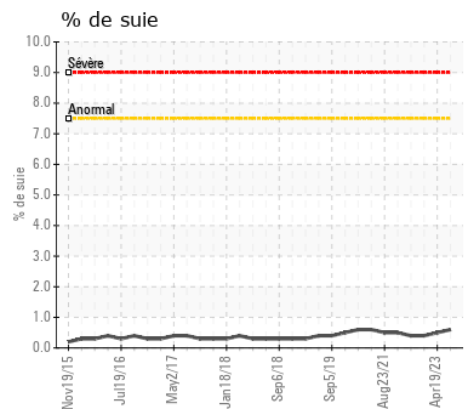
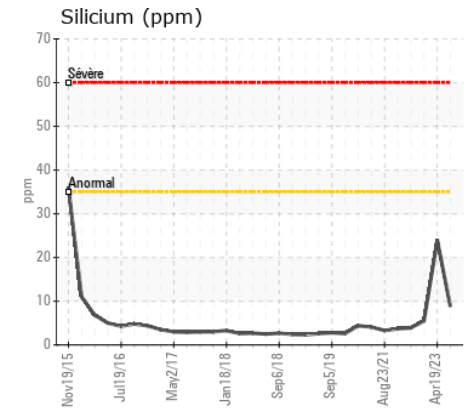
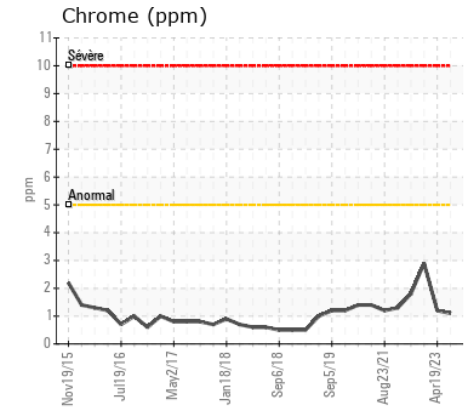
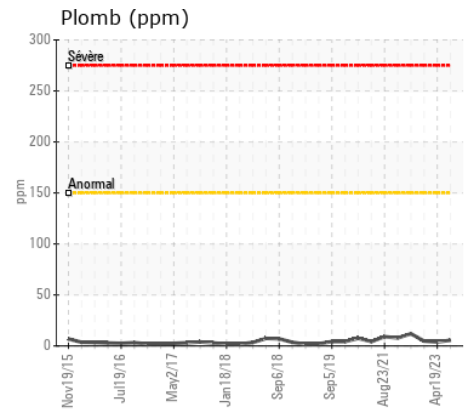
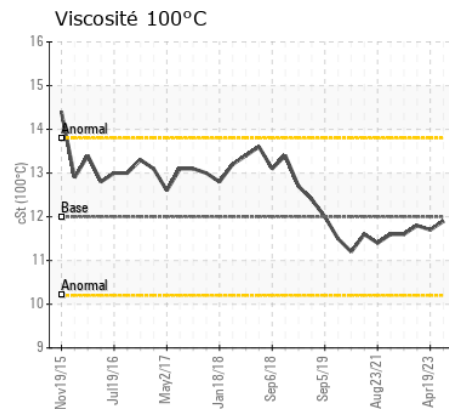
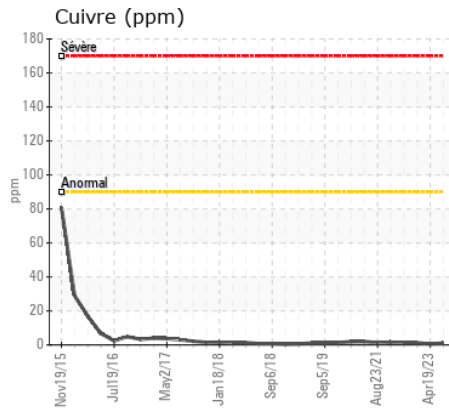
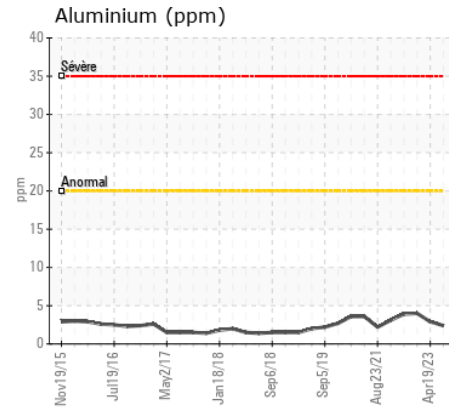
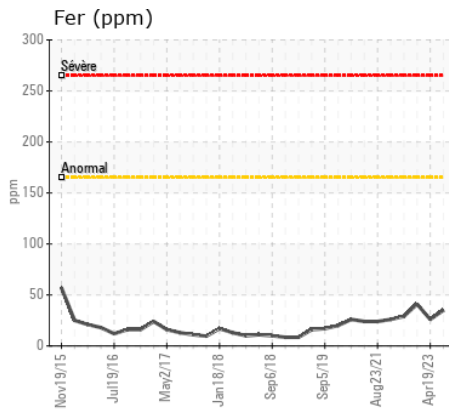
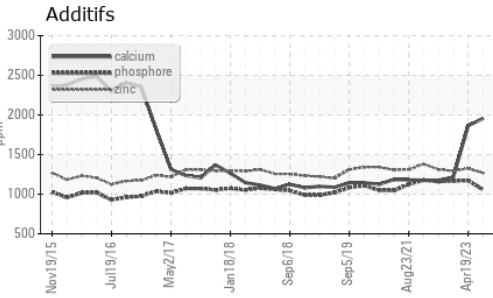
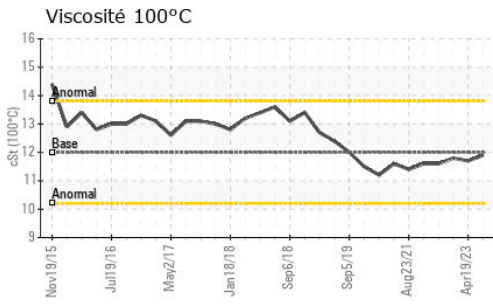
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>35	9	24	6
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	1
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*	>7.5	0.6	0.5	0.4
Nitration	Abs/cm	ASTM D7624*	>20	11.0	10.4	10.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	26.4	23.8	22.7
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

Additive levels indicate the addition of a different brand, or type of oil.
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		3	3	6
Bore	ppm	ASTM D5185(m)	2	11	27	2
Baryum	ppm	ASTM D5185(m)	0	<1	0	0
Molybdène	ppm	ASTM D5185(m)	50	43	64	62
Manganèse	ppm	ASTM D5185(m)	0	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	450	579	1016
Calcium	ppm	ASTM D5185(m)	1050	1956	1864	1216
Phosphore	ppm	ASTM D5185(m)	995	1056	1173	1168
Zinc	ppm	ASTM D5185(m)	1180	1267	1326	1294
Soufre	ppm	ASTM D5185(m)	2600	2838	2885	2671
Oxydation	Abs/.1mm	ASTM D7414*	>25	20.4	19.7	18.5
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.9	11.7	11.8



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0877565
N° de laboratoire : 02598742
Numéro unique : 5683822
Analyse : MOB 1 (Additional Tests: Visual)

Reçu : 24 Nov 2023
Diagnostiqué : 24 Nov 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.

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