



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

3000 series

Identité de la machine

Navistar 3293

Composant

Moteur diesel

Fluide

PETRO CANADA DURON SHP 10W30 (26 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0877558	WC0857904	WC0836020
Date d'échant.		Client Info		08 Nov 2023	13 Sep 2023	08 Aug 2023
Âge d la Machine	mls	Client Info		456319	439024	498985
Âge de l'huile	mls	Client Info		17334	14638	18823
Âge du filtre	mls	Client Info		17334	14638	18823
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	17	18	28
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	<1	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	5	6	9
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	1
Cuivre	ppm	ASTM D5185(m)	>330	4	3	8
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

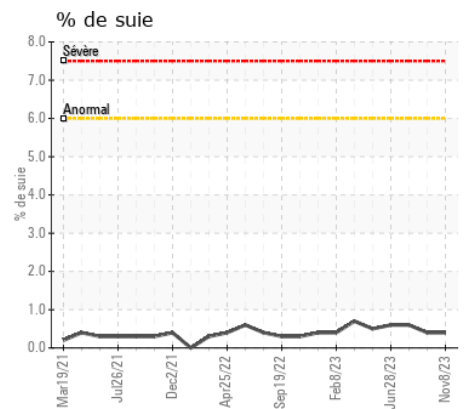
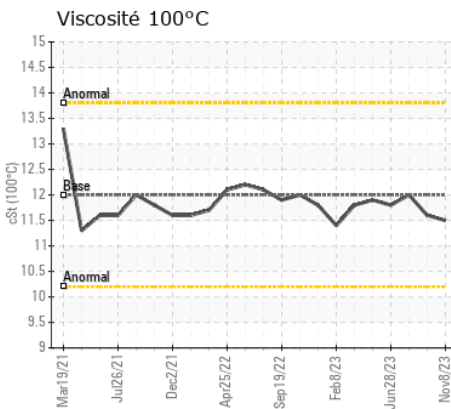
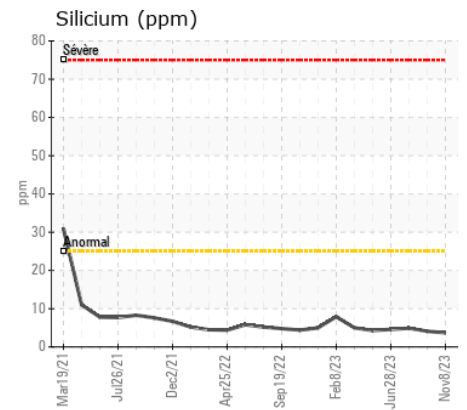
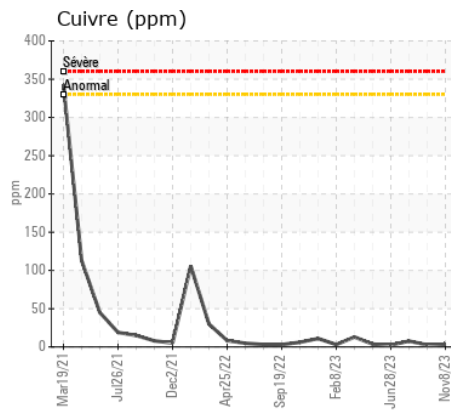
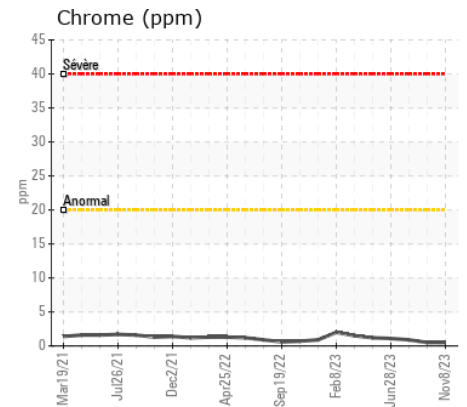
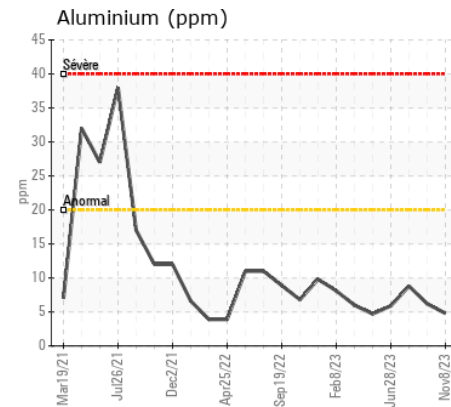
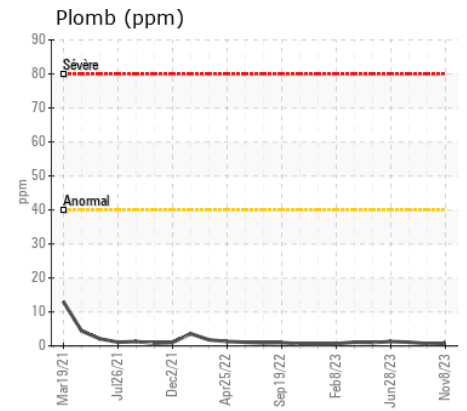
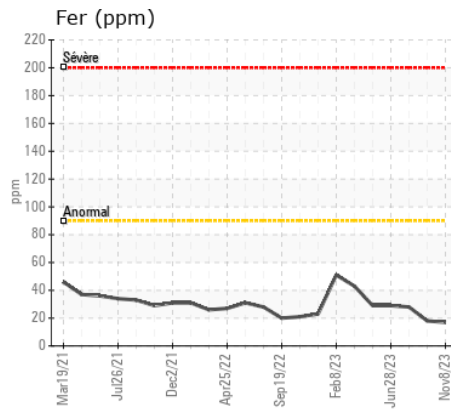
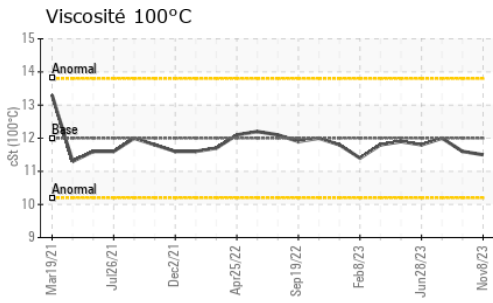
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	4	5
Potassium	ppm	ASTM D5185(m)	>20	3	4	8
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	0.0
% de suie	%	ASTM D7844*	>6	0.4	0.4	0.6
Nitration	Abs/cm	ASTM D7624*	>20	10.0	10.0	11.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.6	20.6	22.3
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	2	2
Bore	ppm	ASTM D5185(m)	2	2	2	2
Baryum	ppm	ASTM D5185(m)	0	0	<1	<1
Molybdène	ppm	ASTM D5185(m)	50	61	61	64
Manganèse	ppm	ASTM D5185(m)	0	0	0	0
Magnésium	ppm	ASTM D5185(m)	950	985	978	1033
Calcium	ppm	ASTM D5185(m)	1050	1133	1130	1185
Phosphore	ppm	ASTM D5185(m)	995	1016	1026	1075
Zinc	ppm	ASTM D5185(m)	1180	1241	1236	1302
Soufre	ppm	ASTM D5185(m)	2600	2578	2534	2476
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.6	17.3	19.9
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.5	11.6	12.0



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0877558
N° de laboratoire : 02598718
Numéro unique : 5683798
Analyse : MOB 1

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.