



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		WC0836020	WC0813031	WC0813006
Date d'échant.		Client Info		08 Aug 2023	28 Jun 2023	12 May 2023
Âge d la Machine	mls	Client Info		498985	405640	384588
Âge de l'huile	mls	Client Info		18823	21132	22888
Âge du filtre	mls	Client Info		18823	21132	22888
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	28	29	29
Chrome	ppm	ASTM D5185(m)	>20	<1	1	1
Nickel	ppm	ASTM D5185(m)	>2	<1	0	<1
Titane	ppm	ASTM D5185(m)	>2	0	<1	0
Argent	ppm	ASTM D5185(m)	>2	<1	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	9	6	5
Plomb	ppm	ASTM D5185(m)	>40	1	1	1
Cuivre	ppm	ASTM D5185(m)	>330	8	2	4
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

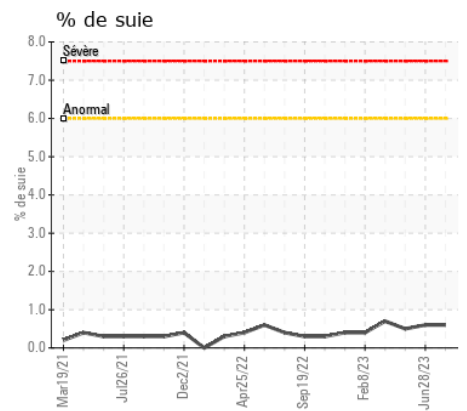
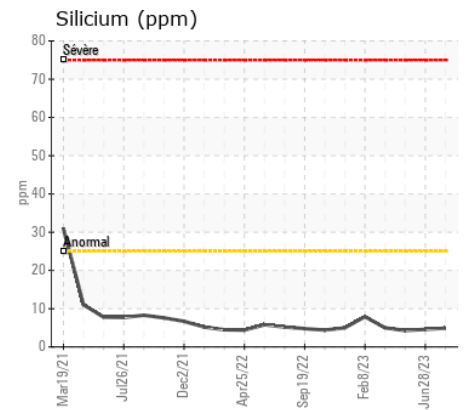
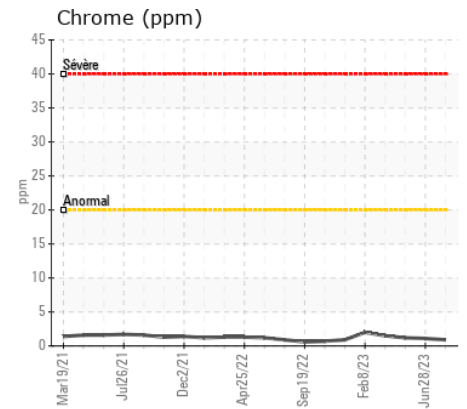
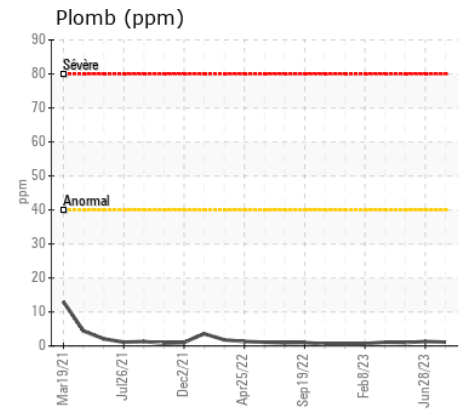
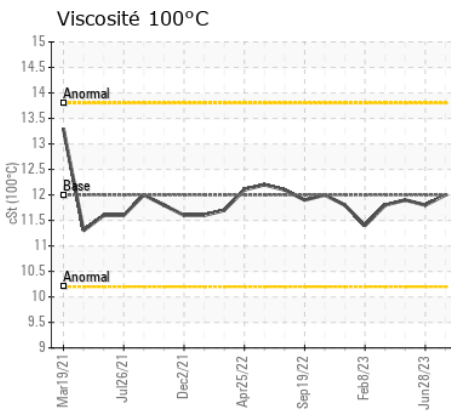
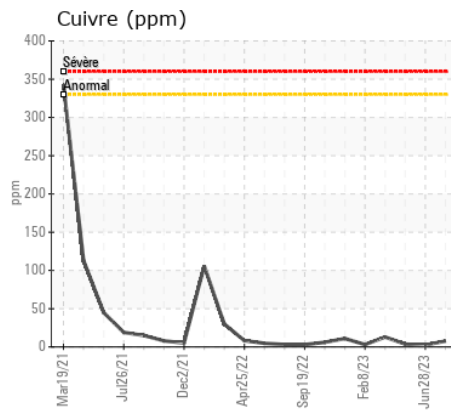
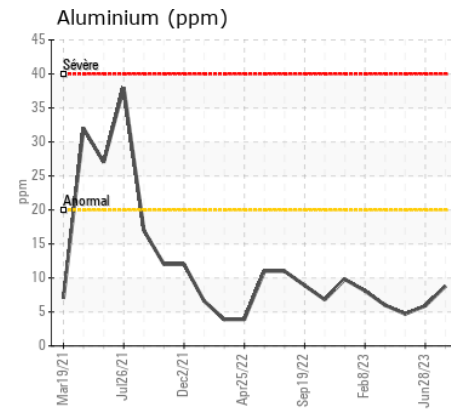
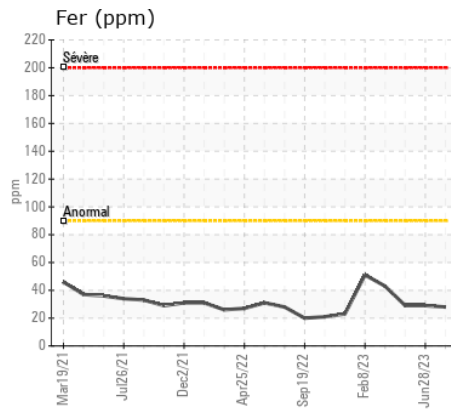
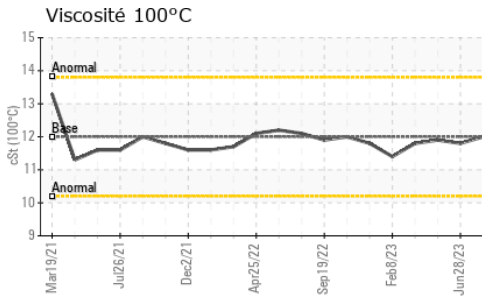
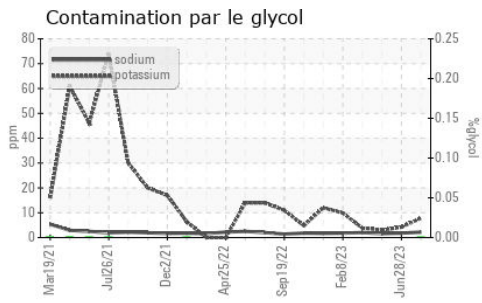
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	5	5	4
Potassium	ppm	ASTM D5185(m)	>20	8	4	3
Essence		WC Method	>3.0	<1.0	<1.0	<1.0
Glycol	%	ASTM D7922*		0.0	NEG	NEG
% de suie	%	ASTM D7844*	>6	0.6	0.6	0.5
Nitration	Abs/cm	ASTM D7624*	>20	11.7	12.4	11.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	22.3	22.8	22.1
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)		2	2	2
Bore	ppm	ASTM D5185(m)	2	2	3	4
Baryum	ppm	ASTM D5185(m)	0	<1	0	0
Molybdène	ppm	ASTM D5185(m)	50	64	64	65
Manganèse	ppm	ASTM D5185(m)	0	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	1033	1062	1064
Calcium	ppm	ASTM D5185(m)	1050	1185	1127	1142
Phosphore	ppm	ASTM D5185(m)	995	1075	1107	1138
Zinc	ppm	ASTM D5185(m)	1180	1302	1275	1309
Soufre	ppm	ASTM D5185(m)	2600	2476	2488	2557
Oxydation	Abs/.1mm	ASTM D7414*	>25	19.9	21.1	20.4
Visc 100°C	cSt	ASTM D7279(m)	12.00	12.0	11.8	11.9



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0836020
N° de laboratoire : 02589265
Numéro unique : 5658331
Analyse : MOB 1 (Additional Tests: Glycol)

Reçu : 16 Oct 2023
Diagnostiqué : 16 Oct 2023
Diagnostiqueur : Kevin Marson

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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.