



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

52000 series

Identité de la machine

Navistar 52614

Composant

Moteur diesel

Fluid

PETRO CANADA DURON SHP 10W30 (40 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0877579	WC0813002	WC0730320
Date d'échant.		Client Info		29 Nov 2023	01 May 2023	16 Sep 2022
Âge d la Machine	mls	Client Info		21148	597005	556856
Âge de l'huile	mls	Client Info		21148	16405	21578
Âge du filtre	mls	Client Info		21148	16405	21578
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)	>165	37	37	65
Chrome	ppm	ASTM D5185(m)	>5	1	1	4
Nickel	ppm	ASTM D5185(m)	>4	<1	0	0
Titane	ppm	ASTM D5185(m)	>2	0	<1	<1
Argent	ppm	ASTM D5185(m)	>2	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	3	3	5
Plomb	ppm	ASTM D5185(m)	>150	5	2	6
Cuivre	ppm	ASTM D5185(m)	>90	1	1	3
Étain	ppm	ASTM D5185(m)	>5	<1	<1	2
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

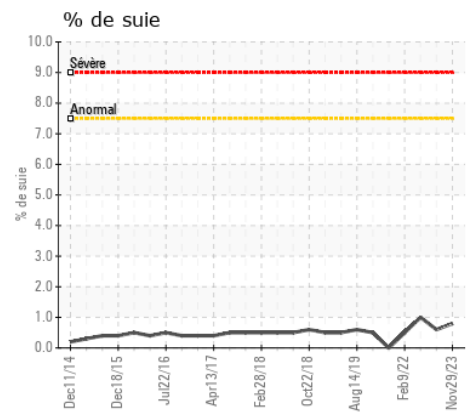
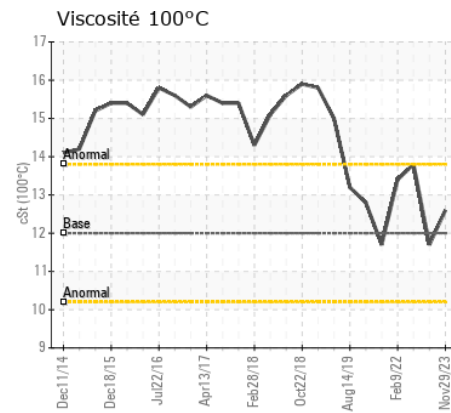
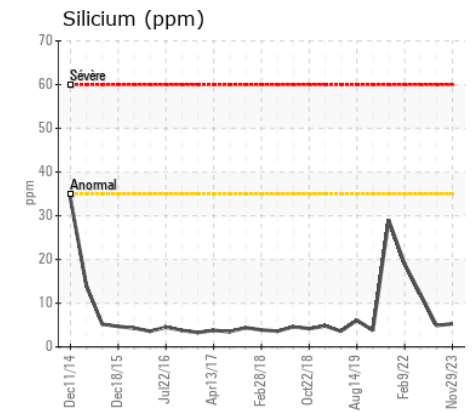
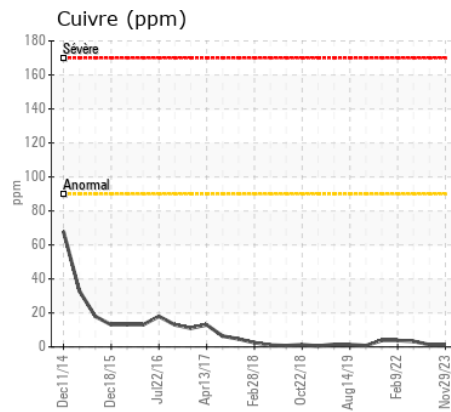
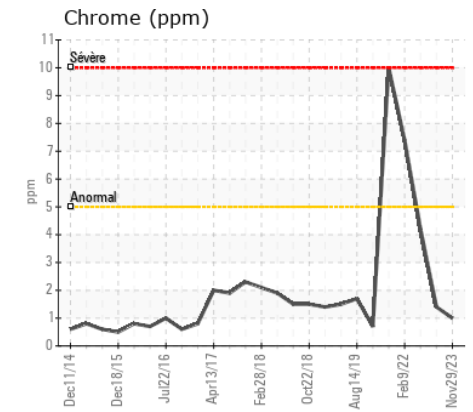
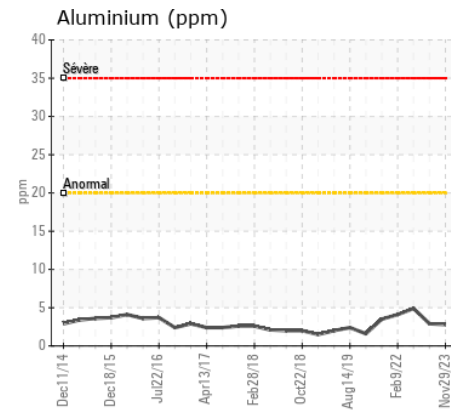
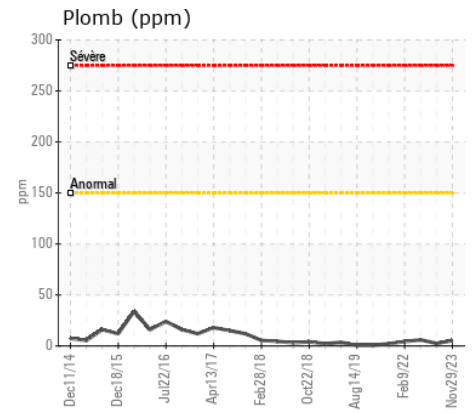
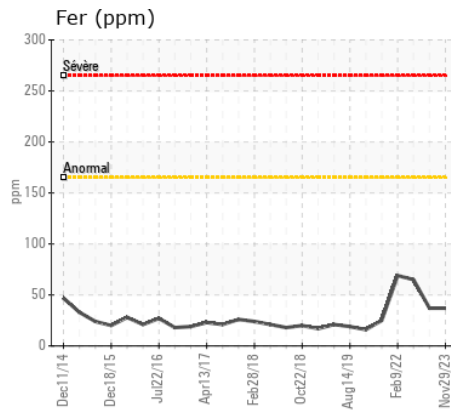
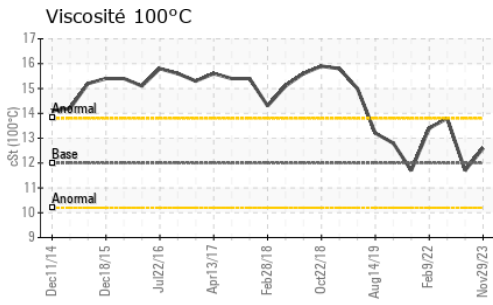
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>35	5	5	12
Potassium	ppm	ASTM D5185(m)	>20	<1	2	<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	0.8	0.6	1
Nitration	Abs/cm	ASTM D7624*	>20	11.1	10.1	11.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	22.6	21.9	22.9
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)		6	3	10
Bore	ppm	ASTM D5185(m)	2	5	44	5
Baryum	ppm	ASTM D5185(m)	0	<1	0	0
Molybdène	ppm	ASTM D5185(m)	50	65	62	62
Manganèse	ppm	ASTM D5185(m)	0	0	<1	1
Magnésium	ppm	ASTM D5185(m)	950	972	563	983
Calcium	ppm	ASTM D5185(m)	1050	1204	1733	1166
Phosphore	ppm	ASTM D5185(m)	995	1048	1130	1095
Zinc	ppm	ASTM D5185(m)	1180	1265	1287	1227
Soufre	ppm	ASTM D5185(m)	2600	2600	2855	2574
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.6	17.4	17.8
Visc 100°C	cSt	ASTM D7279(m)	12.00	12.6	11.7	13.8



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0877579
N° de laboratoire : 02604054
Numéro unique : 5697139
Analyse : MOB 1

Reçu : 19 Dec 2023
Diagnostiqué : 19 Dec 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.