



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

52000 series

Identité de la machine

Navistar 52570

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		WC0877564	WC0813004	WC0730346
Date d'échant.		Client Info		13 Nov 2023	15 May 2023	24 Oct 2022
Âge d la Machine	mls	Client Info		642189	619166	596724
Âge de l'huile	mls	Client Info		23023	22442	18837
Âge du filtre	mls	Client Info		23023	22442	18837
Huile changée		Client Info		Changed	Changed	N/A
Filtre changé		Client Info		Changed	Changed	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>165	27	36	33
Chrome	ppm	ASTM D5185(m)	>5	<1	2	2
Nickel	ppm	ASTM D5185(m)	>4	<1	0	0
Titane	ppm	ASTM D5185(m)	>2	0	0	<1
Argent	ppm	ASTM D5185(m)	>2	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	2	2	2
Plomb	ppm	ASTM D5185(m)	>150	3	2	2
Cuivre	ppm	ASTM D5185(m)	>90	1	1	<1
Étain	ppm	ASTM D5185(m)	>5	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

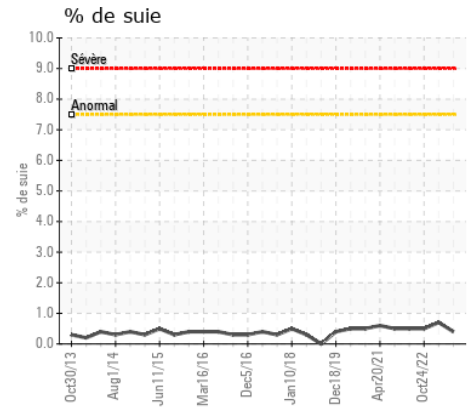
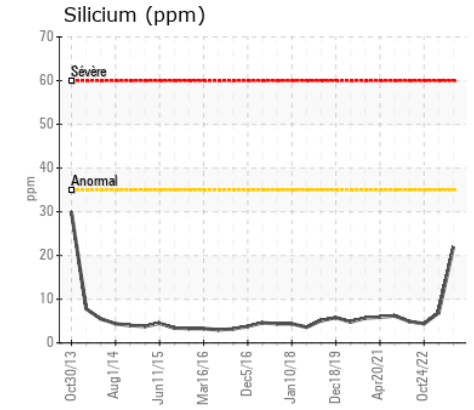
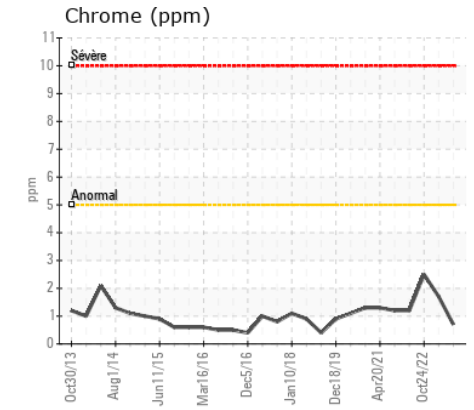
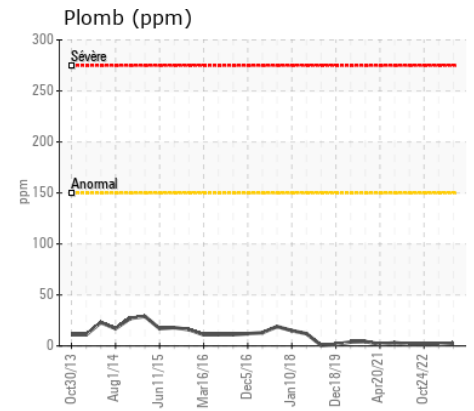
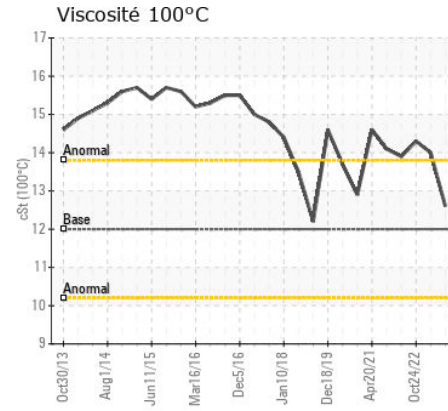
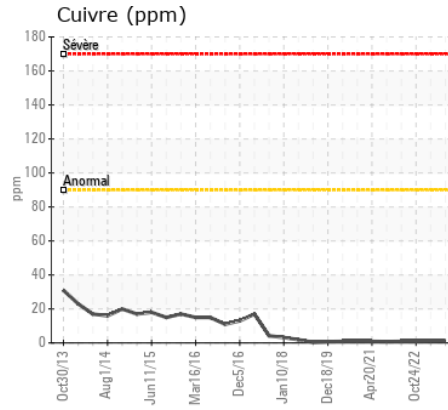
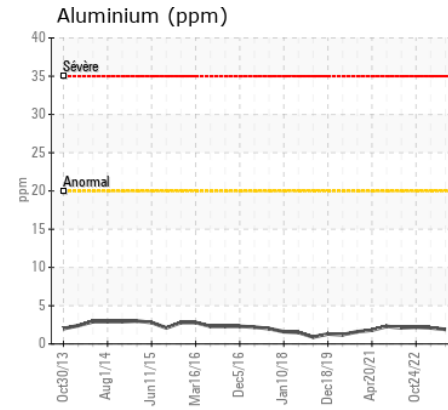
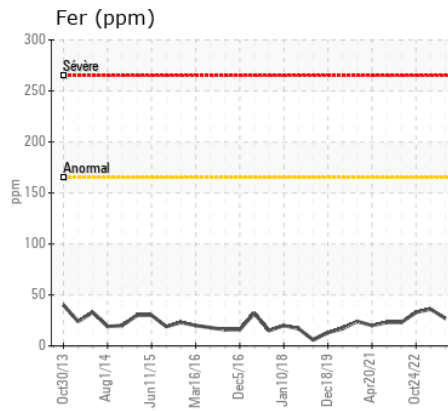
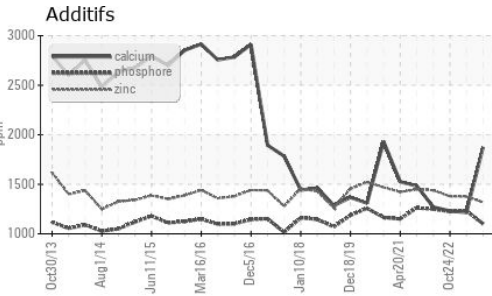
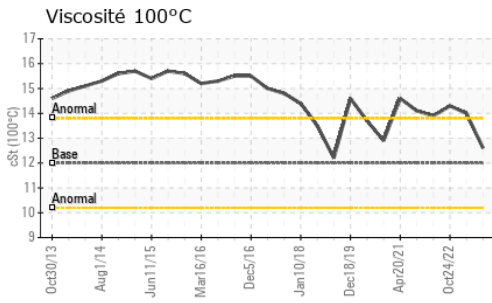
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>35	22	7	4
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	0.4	0.7	0.5
Nitration	Abs/cm	ASTM D7624*	>20	11.0	13.3	12.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	25.3	26.5	25.4
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)		2	2	5
Bore	ppm	ASTM D5185(m)	2	17	2	3
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	49	70	67
Manganèse	ppm	ASTM D5185(m)	0	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	602	1150	1098
Calcium	ppm	ASTM D5185(m)	1050	1873	1215	1231
Phosphore	ppm	ASTM D5185(m)	995	1100	1232	1226
Zinc	ppm	ASTM D5185(m)	1180	1319	1376	1378
Soufre	ppm	ASTM D5185(m)	2600	2839	2656	2721
Oxydation	Abs/.1mm	ASTM D7414*	>25	20.6	23.8	22.0
Visc 100°C	cSt	ASTM D7279(m)	12.00	12.6	14.0	14.3



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0877564
N° de laboratoire : 02598651
Reçu : 24 Nov 2023
Numéro unique : 5683731
Diagnostiqué : 24 Nov 2023
Analyse : MOB 1
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.