



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

52000 series

Identité de la machine

Navistar 52801

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		WC0889975	WC0877560	WC0857923
Date d'échant.		Client Info		14 Dec 2023	04 Nov 2023	26 Sep 2023
Âge d la Machine	mls	Client Info		411824	402578	65590
Âge de l'huile	mls	Client Info		24861	0	65590
Âge du filtre	mls	Client Info		24861	0	65590
Huile changée		Client Info		Changed	Not Changd	N/A
Filtre changé		Client Info		Changed	Not Changd	N/A
Statut de l'échant.				NORMAL	NORMAL	ABNORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>90	69	40	▲ 258
Chrome	ppm	ASTM D5185(m)	>20	5	1	5
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	3	7
Plomb	ppm	ASTM D5185(m)	>40	7	3	19
Cuivre	ppm	ASTM D5185(m)	>330	2	1	4
Étain	ppm	ASTM D5185(m)	>15	<1	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

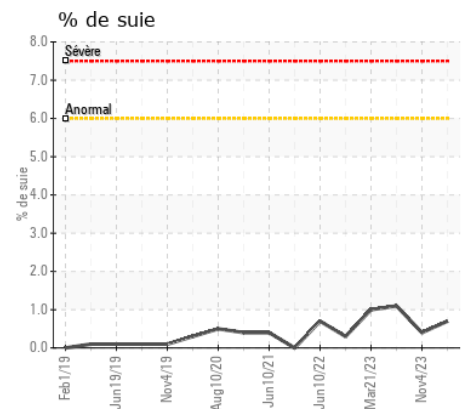
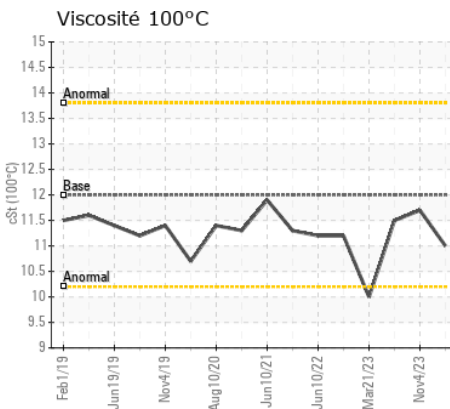
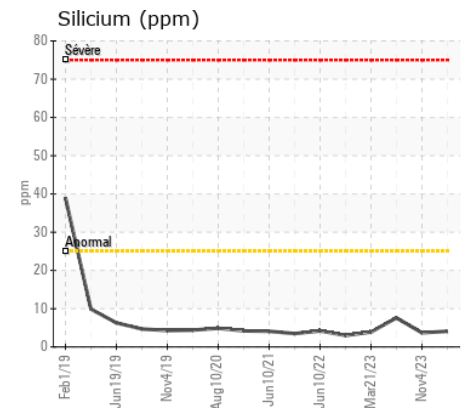
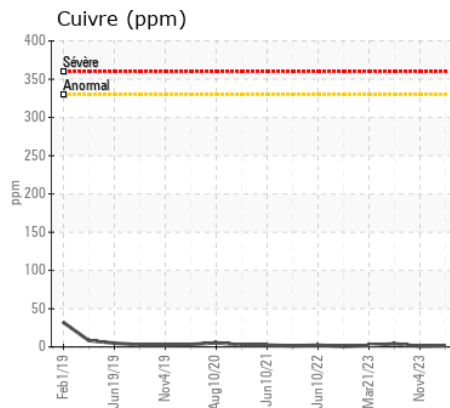
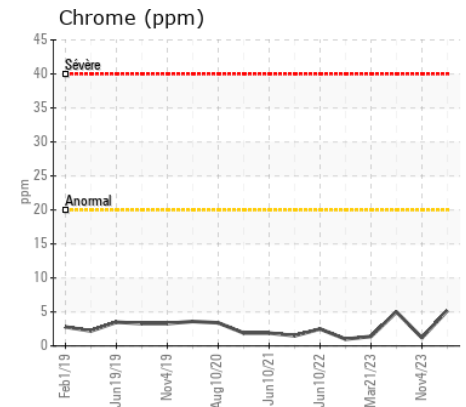
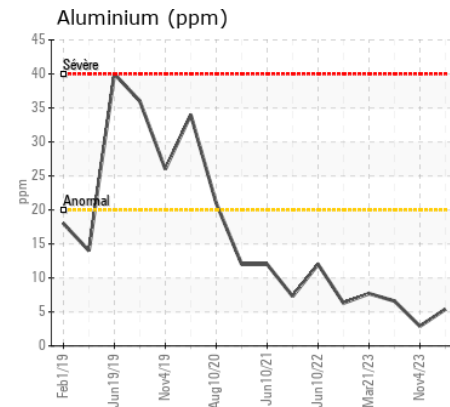
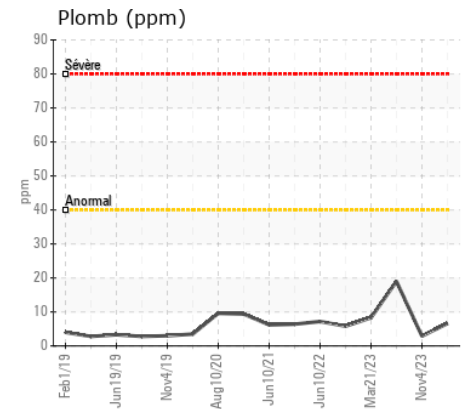
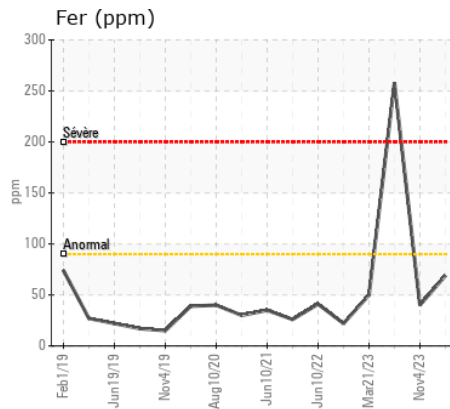
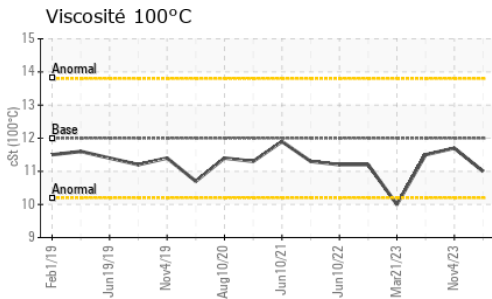
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	4	8
Potassium	ppm	ASTM D5185(m)	>20	5	2	7
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*	>6	0.7	0.4	1.1
Nitration	Abs/cm	ASTM D7624*	>20	11.5	9.7	13.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	23.4	21.8	26.6
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	3
Bore	ppm	ASTM D5185(m)	2	6	2	3
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	61	60	65
Manganèse	ppm	ASTM D5185(m)	0	<1	0	2
Magnésium	ppm	ASTM D5185(m)	950	993	983	1020
Calcium	ppm	ASTM D5185(m)	1050	1268	1276	1121
Phosphore	ppm	ASTM D5185(m)	995	1035	1027	1061
Zinc	ppm	ASTM D5185(m)	1180	1270	1261	1283
Soufre	ppm	ASTM D5185(m)	2600	2661	2751	2299
Oxydation	Abs/.1mm	ASTM D7414*	>25	19.7	17.8	24.2
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.0	11.7	11.5



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0889975
N° de laboratoire : 02604052
Numéro unique : 5697137
Analyse : MOB 1

MANITOU LIN TRANSPORT
 1890 DES SOURCES BOULEVARD
 POINTE CLAIRE, QC
 CA H9R 5B1
 Contact: Eric Marcelin
 emarcelin@manitoulintransport.com
 T: (514)694-5111
 F: (514)694-9739

*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.*