



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

52000 series [1811784]

Identité de la machine

Navistar 52841

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		WC	WC0864517	WC0813034
Date d'échant.		Client Info		22 May 2024	22 Nov 2023	19 Jun 2023
Âge d la Machine	mls	Client Info		439553	406949	372747
Âge de l'huile	mls	Client Info		32604	34202	36022
Âge du filtre	mls	Client Info		32604	34202	36022
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	40	27	20
Chrome	ppm	ASTM D5185(m)	>20	2	2	1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	0
Titane	ppm	ASTM D5185(m)	>2	0	0	0
Argent	ppm	ASTM D5185(m)	>2	0	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	5	5	3
Plomb	ppm	ASTM D5185(m)	>40	6	8	10
Cuivre	ppm	ASTM D5185(m)	>330	3	2	1
Étain	ppm	ASTM D5185(m)	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

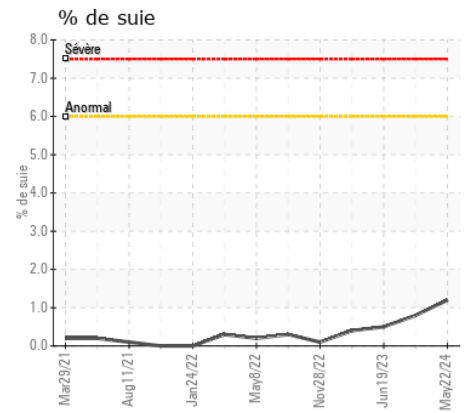
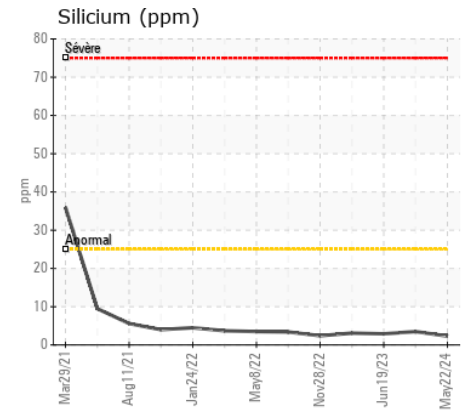
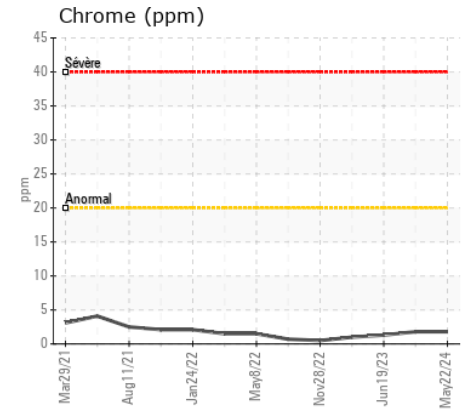
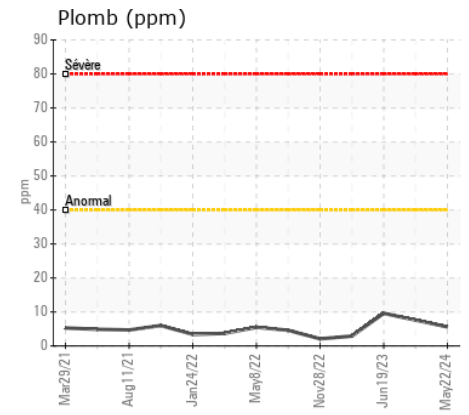
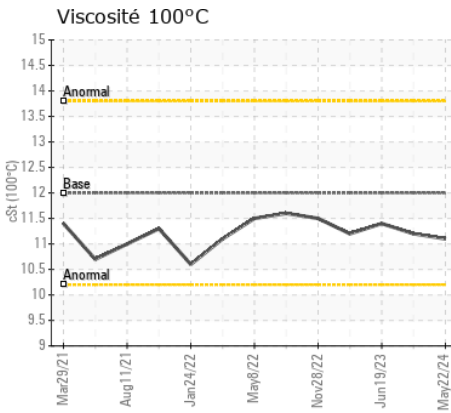
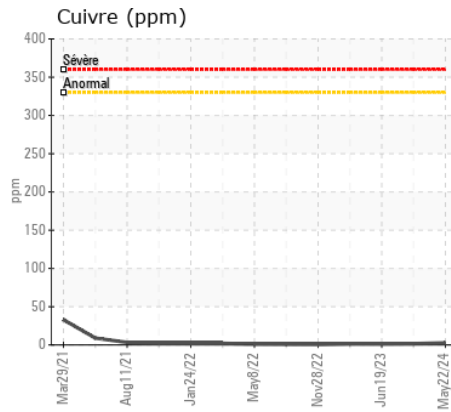
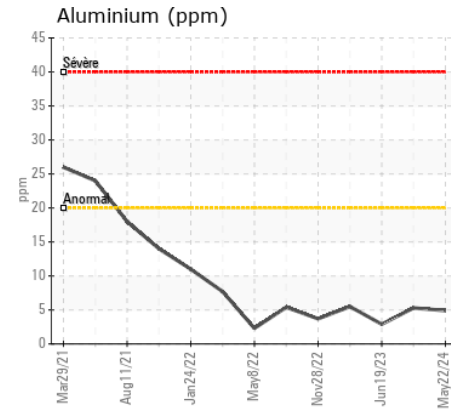
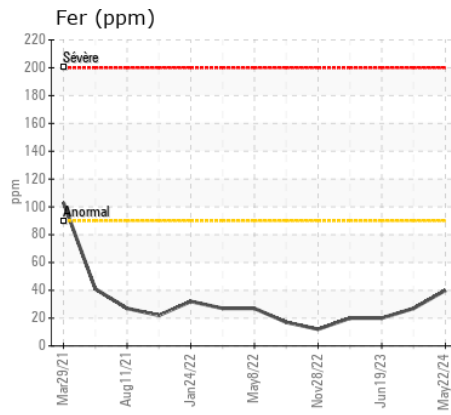
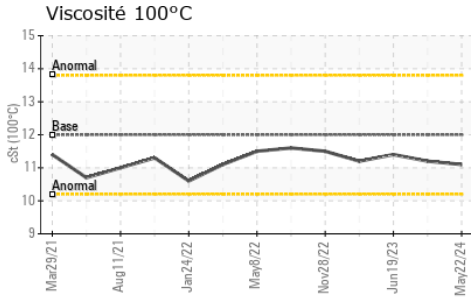
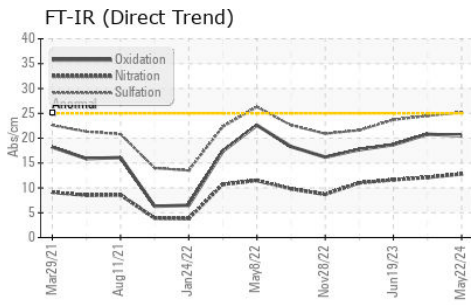
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	2	4	3
Potassium	ppm	ASTM D5185(m)	>20	3	8	4
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	1.2	0.8	0.5
Nitration	Abs/cm	ASTM D7624*	>20	12.8	12.1	11.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	25.2	24.5	23.7
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)		3	2	2
Bore	ppm	ASTM D5185(m)	2	3	1	2
Baryum	ppm	ASTM D5185(m)	0	0	<1	0
Molybdène	ppm	ASTM D5185(m)	50	61	58	62
Manganèse	ppm	ASTM D5185(m)	0	<1	0	<1
Magnésium	ppm	ASTM D5185(m)	950	972	946	1004
Calcium	ppm	ASTM D5185(m)	1050	1090	1077	1075
Phosphore	ppm	ASTM D5185(m)	995	981	978	1090
Zinc	ppm	ASTM D5185(m)	1180	1203	1206	1229
Soufre	ppm	ASTM D5185(m)	2600	2454	2458	2506
Oxydation	Abs/.1mm	ASTM D7414*	>25	20.5	20.8	18.7
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.1	11.2	11.4



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : WC

N° de laboratoire : 02637864

Numéro unique : 5787026

Analyse : MOB 1

Reçu : 28 May 2024

Tested : 28 May 2024

Diagnostiqué : 28 May 2024 - Wes Davis

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.