



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

52000 series

Identité de la machine

Montreal Navistar 52885

Composant

Moteur diesel

Fluide

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		WC0836032	WC0787318	WC0730339
Date d'échant.		Client Info		23 Aug 2023	14 Feb 2023	02 Nov 2022
Âge d la Machine	mls	Client Info		295706	234573	199400
Âge de l'huile	mls	Client Info		27660	35132	33252
Âge du filtre	mls	Client Info		27660	35132	33252
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	25	22	25
Chrome	ppm	ASTM D5185(m)	>20	1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titane	ppm	ASTM D5185(m)	>2	0	<1	<1
Argent	ppm	ASTM D5185(m)	>2	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	9	6	9
Plomb	ppm	ASTM D5185(m)	>40	4	5	6
Cuivre	ppm	ASTM D5185(m)	>330	1	1	1
Étain	ppm	ASTM D5185(m)	>15	<1	<1	1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

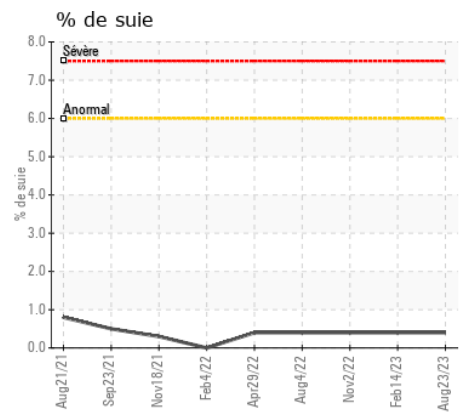
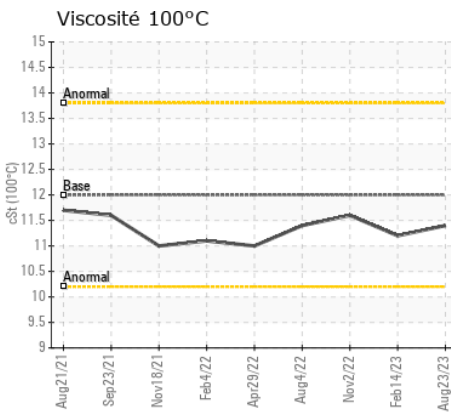
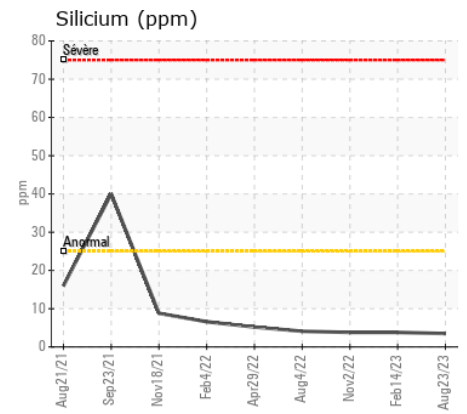
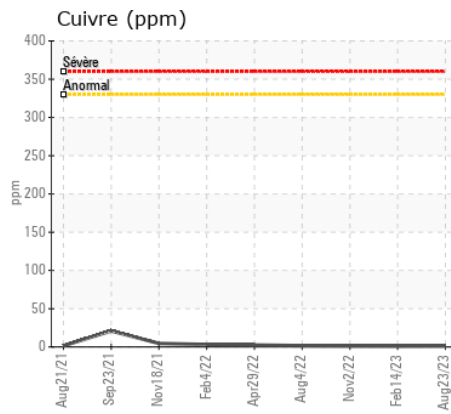
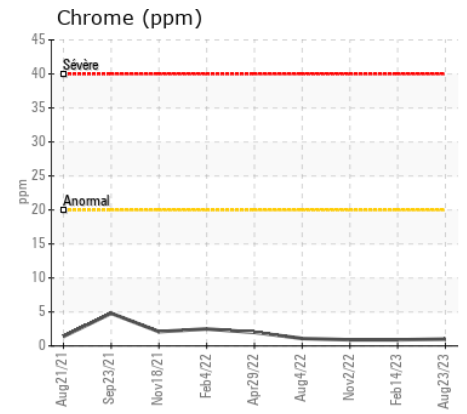
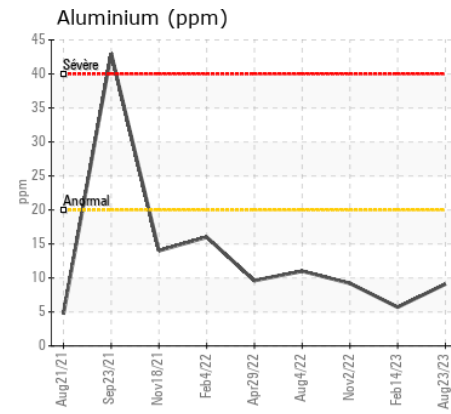
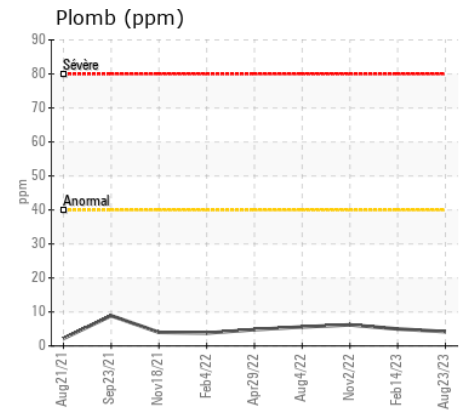
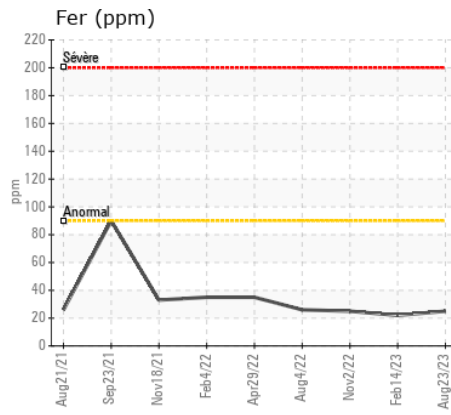
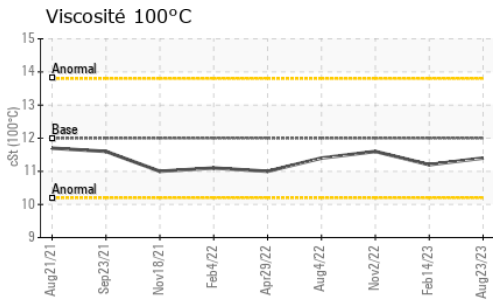
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	4	4
Potassium	ppm	ASTM D5185(m)	>20	20	9	21
Essence		WC Method	>3.0	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>6	0.4	0.4	0.4
Nitration	Abs/cm	ASTM D7624*	>20	10.0	9.7	10.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.5	21.2	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)		2	2	2
Bore	ppm	ASTM D5185(m)	2	2	3	1
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	60	62	60
Manganèse	ppm	ASTM D5185(m)	0	<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	1002	985	988
Calcium	ppm	ASTM D5185(m)	1050	1102	1151	1120
Phosphore	ppm	ASTM D5185(m)	995	1073	1068	1079
Zinc	ppm	ASTM D5185(m)	1180	1243	1225	1213
Soufre	ppm	ASTM D5185(m)	2600	2437	2472	2402
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.7	17.9	18.5
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.4	11.2	11.6



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0836032
N° de laboratoire : 02582655
Numéro unique : 5643720
Analyse : MOB 1

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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.