



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

50000 Series

Identité de la machine

Navistar 50503

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		WC0836041	WC0813008	WC0758587
Date d'échant.		Client Info		25 Aug 2023	08 May 2023	25 Jan 2023
Âge d la Machine	mls	Client Info		21368	514879	425172
Âge de l'huile	mls	Client Info		21368	29545	26983
Âge du filtre	mls	Client Info		21368	29545	26983
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)	>100	22	25	20
Chrome	ppm	ASTM D5185(m)	>20	1	1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titane	ppm	ASTM D5185(m)		<1	0	<1
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	3	2	3
Plomb	ppm	ASTM D5185(m)	>40	1	6	3
Cuivre	ppm	ASTM D5185(m)	>330	2	2	2
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

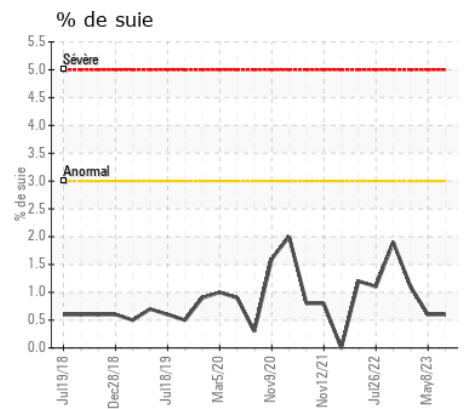
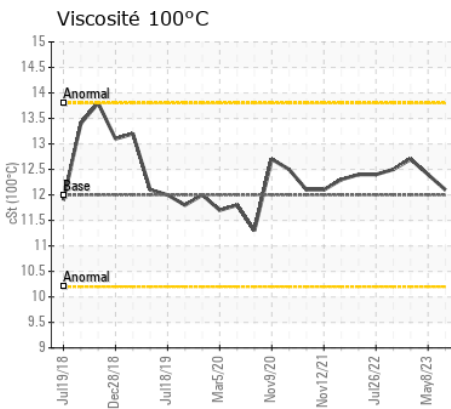
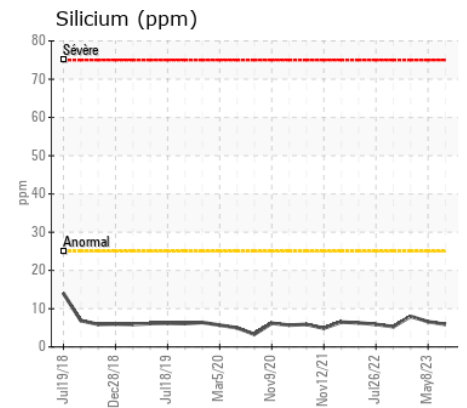
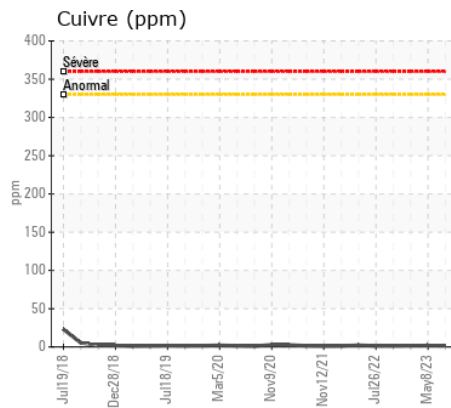
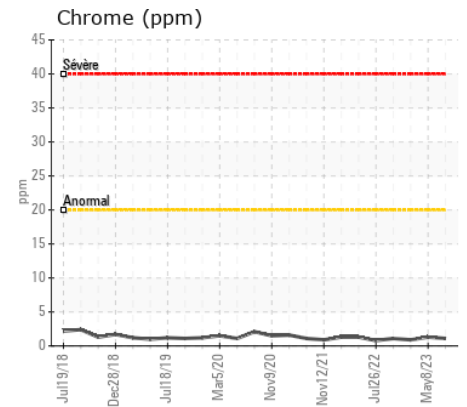
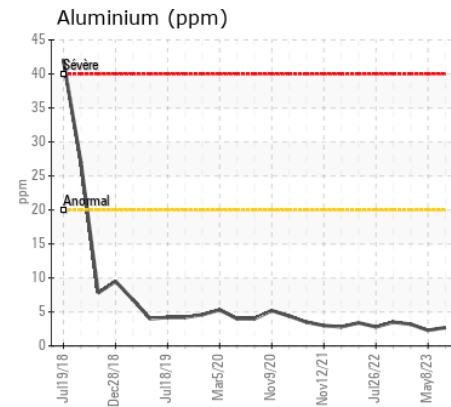
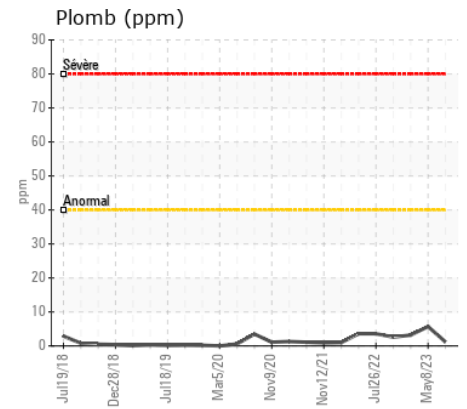
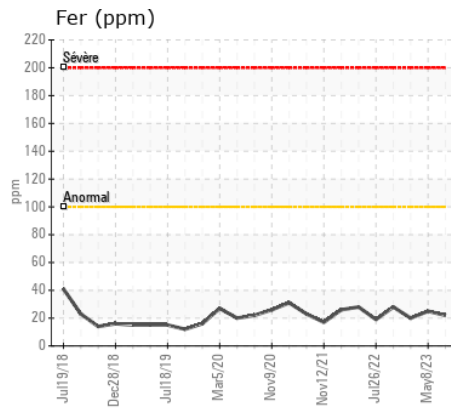
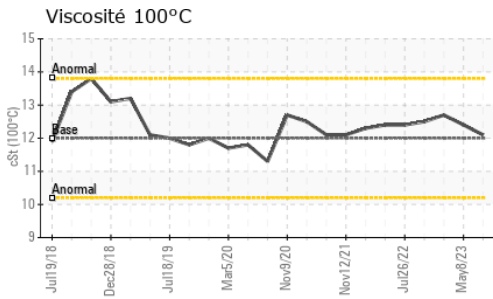
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	6	7	8
Potassium	ppm	ASTM D5185(m)	>20	2	<1	<1
Essence		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.6	0.6	1.1
Nitration	Abs/cm	ASTM D7624*	>20	11.3	12.5	10.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	24.6	26.7	24.4
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	4	5	4
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	67	69	65
Manganèse	ppm	ASTM D5185(m)	0	<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	1082	1124	1024
Calcium	ppm	ASTM D5185(m)	1050	1159	1210	1225
Phosphore	ppm	ASTM D5185(m)	995	1175	1222	1128
Zinc	ppm	ASTM D5185(m)	1180	1314	1360	1277
Soufre	ppm	ASTM D5185(m)	2600	2731	2733	2658
Oxydation	Abs/.1mm	ASTM D7414*	>25	20.5	23.8	19.7
Visc 100°C	cSt	ASTM D7279(m)	12.00	12.1	12.4	12.7



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0836041
N° de laboratoire : 02582658
Numéro unique : 5643723
Analyse : MOB 1

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Reçu : 15 Sep 2023
 Diagnostiqué : 15 Sep 2023
 Diagnostiqueur : Wes Davis

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.