



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

50000 Series

Identité de la machine

Navistar 50501

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		WC0889988	WC0665342	WC0639140
Date d'échant.		Client Info		06 Feb 2024	26 Feb 2022	05 Dec 2021
Âge d la Machine	mls	Client Info		489114	480600	433683
Âge de l'huile	mls	Client Info		23329	25941	51011
Âge du filtre	mls	Client Info		23329	0	51011
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)	>100	42	34	20
Chrome	ppm	ASTM D5185(m)	>20	2	2	1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	4	3	2
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	3	2	2
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

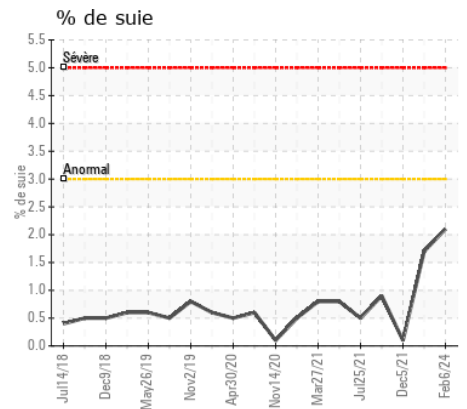
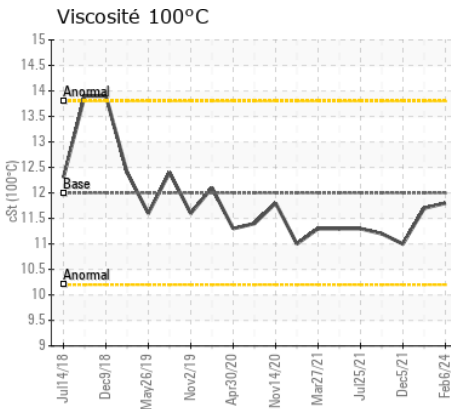
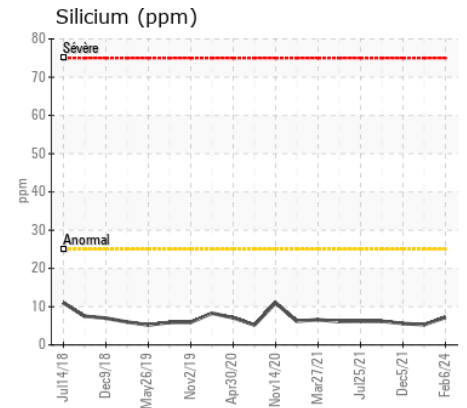
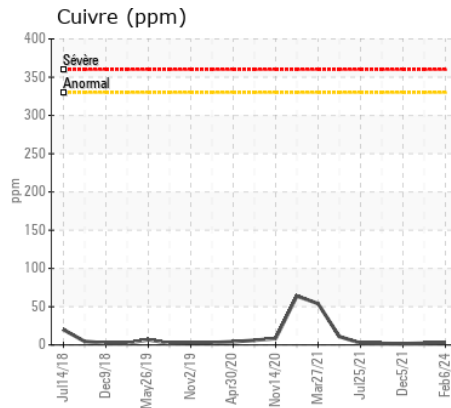
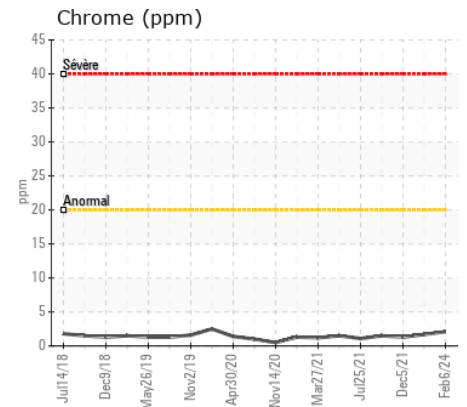
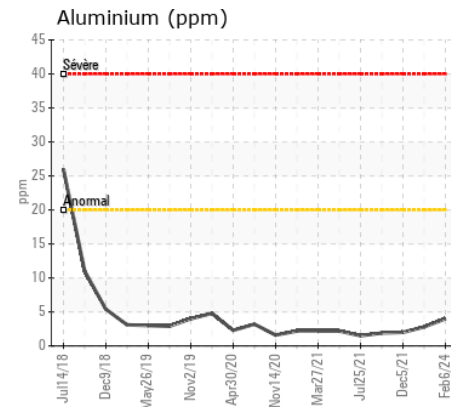
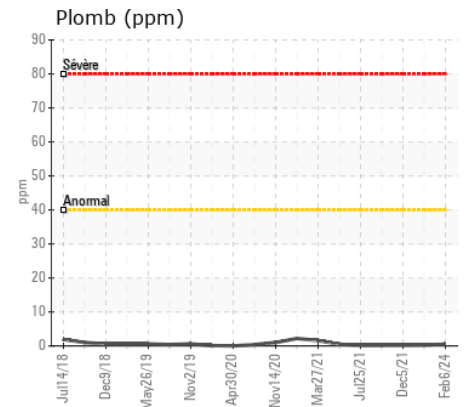
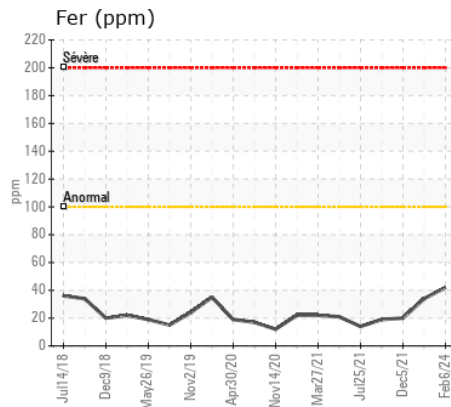
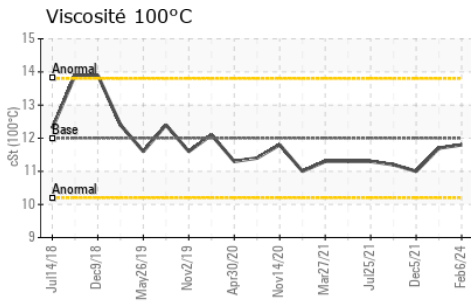
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	7	5	6
Potassium	ppm	ASTM D5185(m)	>20	2	2	2
Essence		WC Method	>5	<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*	>3	2.1	1.7	0.1
Nitration	Abs/cm	ASTM D7624*	>20	11.9	11.1	3.5
Sulfatation	Abs/.1mm	ASTM D7415*	>30	23.9	23.6	13.0
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	3	2
Bore	ppm	ASTM D5185(m)	2	4	2	2
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	62	61	62
Manganèse	ppm	ASTM D5185(m)	0	<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	966	1007	1031
Calcium	ppm	ASTM D5185(m)	1050	1129	1115	1103
Phosphore	ppm	ASTM D5185(m)	995	1048	1065	1104
Zinc	ppm	ASTM D5185(m)	1180	1207	1251	1264
Soufre	ppm	ASTM D5185(m)	2600	2710	2525	2623
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.1	16.5	5.4
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.8	11.7	11.0



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0889988
N° de laboratoire : 02614963
Reçu : 12 Feb 2024
Tested : 12 Feb 2024
Numéro unique : 5724058
Diagnostiqué : 12 Feb 2024 - Wes Davis
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.