



# RAPPORT D'ANALYSE D'HUILE

USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Secteur

**52000 series**

Identité de la machine

**Navistar 52799**

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		<b>WC0836038</b>	WC0813012	WC0787321
Date d'échant.		Client Info		<b>01 Sep 2023</b>	01 Jun 2023	23 Feb 2023
Âge d la Machine	mls	Client Info		<b>30100</b>	560815	525618
Âge de l'huile	mls	Client Info		<b>30100</b>	35202	33943
Âge du filtre	mls	Client Info		<b>30100</b>	35202	0
Huile changée		Client Info		<b>Changed</b>	Changed	N/A
Filtre changé		Client Info		<b>Changed</b>	Changed	N/A
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

## USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>90	<b>20</b>	28	27
Chrome	ppm	ASTM D5185(m)	>20	<b>1</b>	1	2
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	0	<1
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	0	<1
Argent	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>2</b>	3	3
Plomb	ppm	ASTM D5185(m)	>40	<b>4</b>	4	4
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	1	2
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

## CONTAMINATION

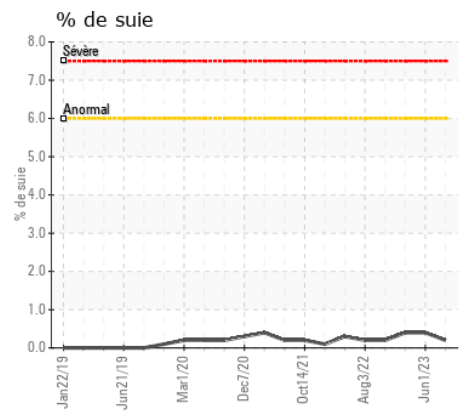
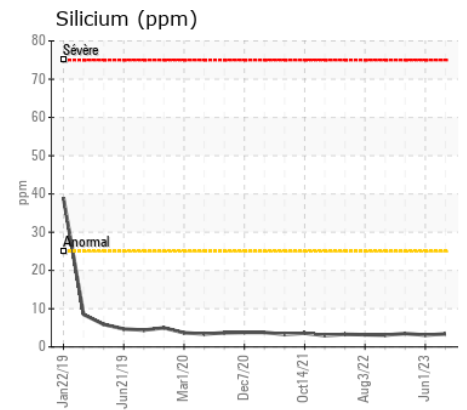
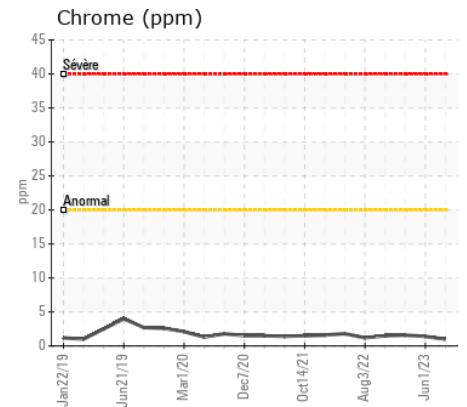
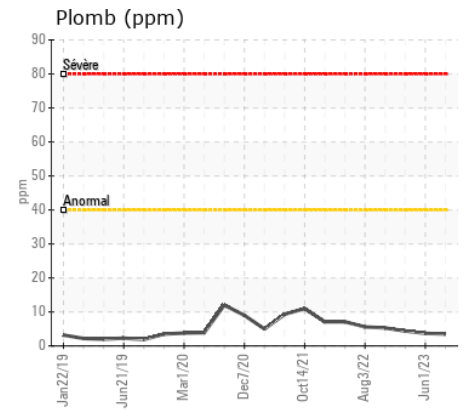
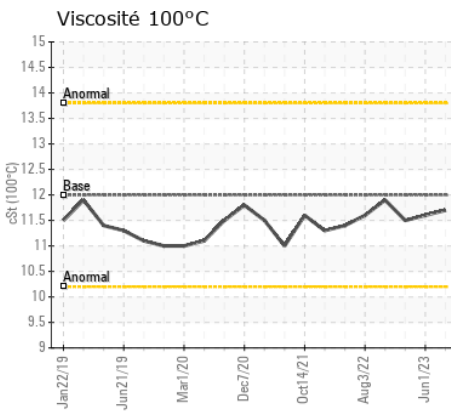
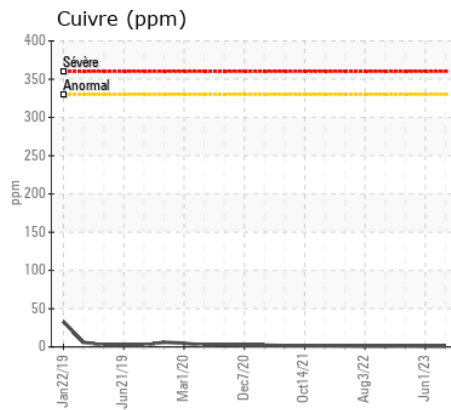
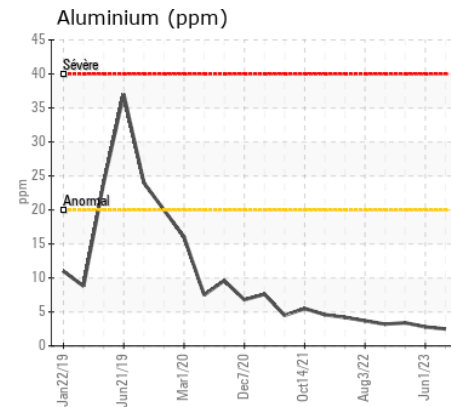
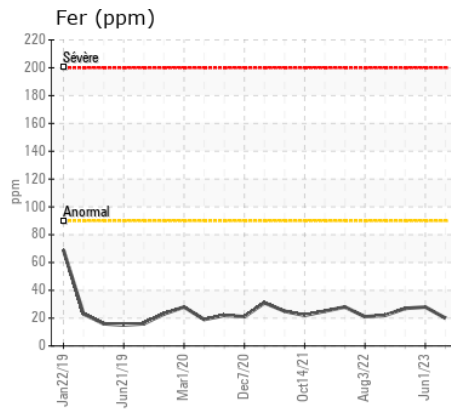
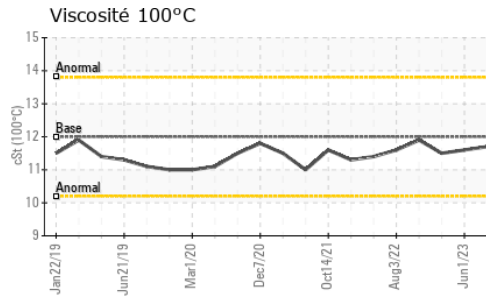
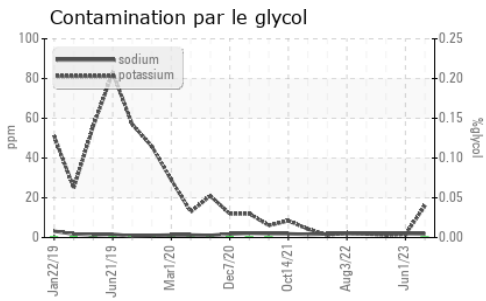
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>3</b>	3	4
Potassium	ppm	ASTM D5185(m)	>20	<b>16</b>	2	1
Essence		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	<1.0
Glycol	%	ASTM D7922*		<b>0.0</b>	NEG	NEG
% de suie	%	ASTM D7844*	>6	<b>0.2</b>	0.4	0.4
Nitration	Abs/cm	ASTM D7624*	>20	<b>11.7</b>	11.7	11.0
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>24.5</b>	24.2	23.7
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

## ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<b>2</b>	2	2
Bore	ppm	ASTM D5185(m)	2	<b>2</b>	3	10
Baryum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>63</b>	63	65
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>1028</b>	1063	1023
Calcium	ppm	ASTM D5185(m)	1050	<b>1149</b>	1139	1254
Phosphore	ppm	ASTM D5185(m)	995	<b>1049</b>	1107	1135
Zinc	ppm	ASTM D5185(m)	1180	<b>1292</b>	1290	1309
Soufre	ppm	ASTM D5185(m)	2600	<b>2364</b>	2411	2538
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>22.3</b>	21.3	20.6
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.7</b>	11.6	11.5



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WC0836038  
**N° de laboratoire** : 02589252  
**Numéro unique** : 5658318  
**Analyse** : MOB 1 ( Additional Tests: Glycol )

**MANITOU LIN TRANSPORT**

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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.