



# 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**

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		<b>WC0877581</b>	WC0836038	WC0813012
Date d'échant.		Client Info		<b>09 Dec 2023</b>	01 Sep 2023	01 Jun 2023
Âge d la Machine	mls	Client Info		<b>620644</b>	30100	560815
Âge de l'huile	mls	Client Info		<b>29951</b>	30100	35202
Âge du filtre	mls	Client Info		<b>29951</b>	30100	35202
Huile changée		Client Info		<b>Changed</b>	Changed	Changed
Filtre changé		Client Info		<b>Changed</b>	Changed	Changed
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

## USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>90	<b>21</b>	20	28
Chrome	ppm	ASTM D5185(m)	>20	<b>1</b>	1	1
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	0	0
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>3</b>	2	3
Plomb	ppm	ASTM D5185(m)	>40	<b>3</b>	4	4
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	<1	1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	---

## CONTAMINATION

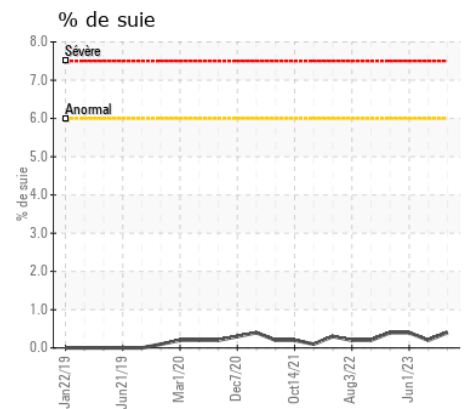
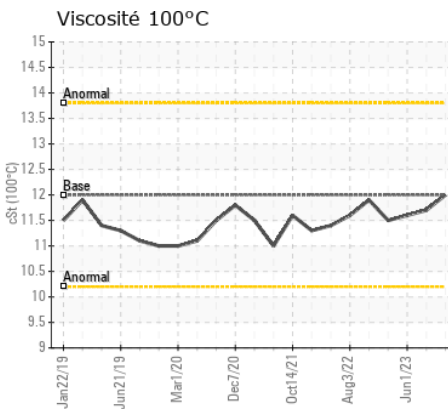
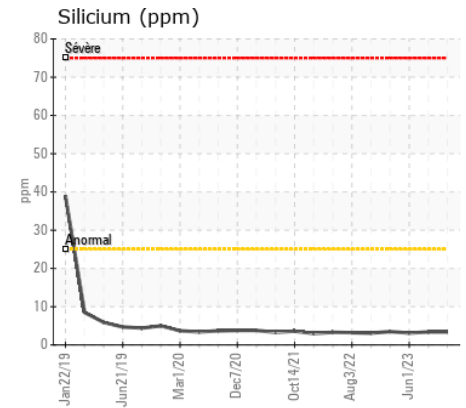
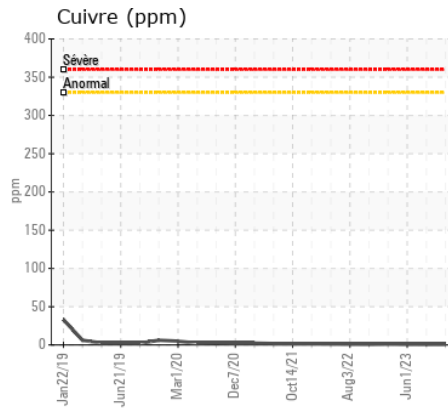
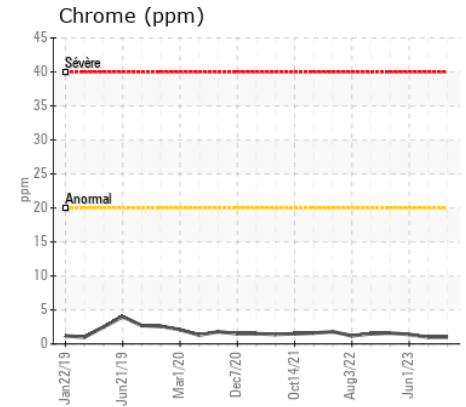
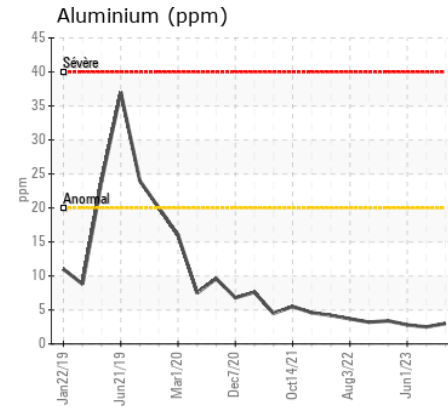
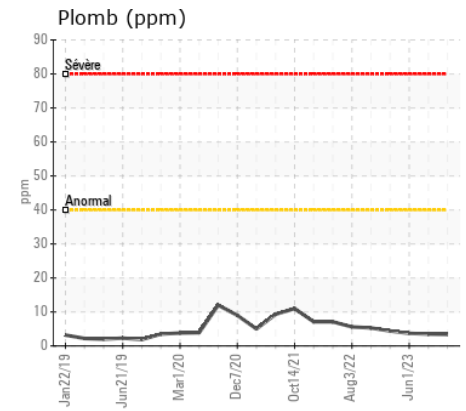
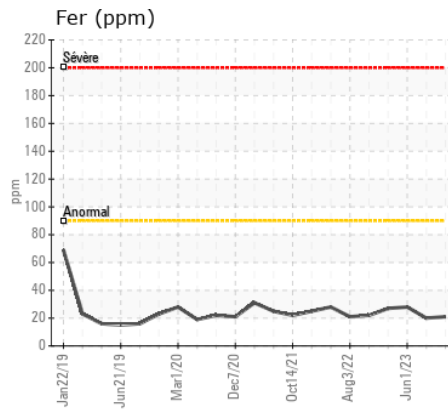
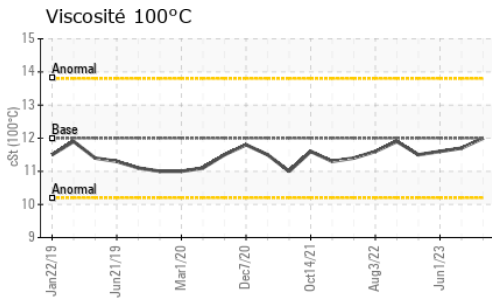
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>3</b>	3	3
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	16	2
Essence		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	<1.0
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	0.0	NEG
% de suie	%	ASTM D7844*	>6	<b>0.4</b>	0.2	0.4
Nitration	Abs/cm	ASTM D7624*	>20	<b>10.8</b>	11.7	11.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>23.5</b>	24.5	24.2
Limon	scalar	Visual*	NONE	<b>NONE</b>	---	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	---	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
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>	2	3
Baryum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	0
Molybdène	ppm	ASTM D5185(m)	50	<b>62</b>	63	63
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	0	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>1010</b>	1028	1063
Calcium	ppm	ASTM D5185(m)	1050	<b>1166</b>	1149	1139
Phosphore	ppm	ASTM D5185(m)	995	<b>1024</b>	1049	1107
Zinc	ppm	ASTM D5185(m)	1180	<b>1264</b>	1292	1290
Soufre	ppm	ASTM D5185(m)	2600	<b>2428</b>	2364	2411
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>20.6</b>	22.3	21.3
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>12.0</b>	11.7	11.6



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WC0877581  
**N° de laboratoire** : 02604049  
**Numéro unique** : 5697134  
**Analyse** : MOB 1 ( Additional Tests: Visual )

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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.