



# RAPPORT D'ANALYSE D'HUILE

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

Secteur

**3000 series**

Identité de la machine

**Navistar 3279**

Composant

**Moteur diesel**

Fluide

**PETRO CANADA DURON SHP 10W30 (26 LTR)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>WC0857934</b>	WC0836012	WC0787341
Date d'échant.		Client Info		<b>12 Oct 2023</b>	25 Jul 2023	18 Apr 2023
Âge d la Machine	mls	Client Info		<b>15744</b>	21629	444747
Âge de l'huile	mls	Client Info		<b>0</b>	21629	16467
Âge du filtre	mls	Client Info		<b>0</b>	21629	16467
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

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>90	<b>32</b>	49	42
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	2	2
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	1
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>6</b>	6	6
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<b>4</b>	19	29
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

## CONTAMINATION

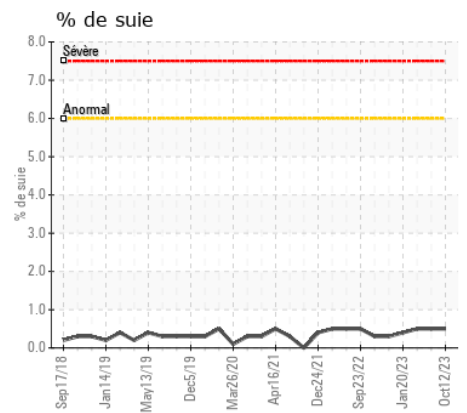
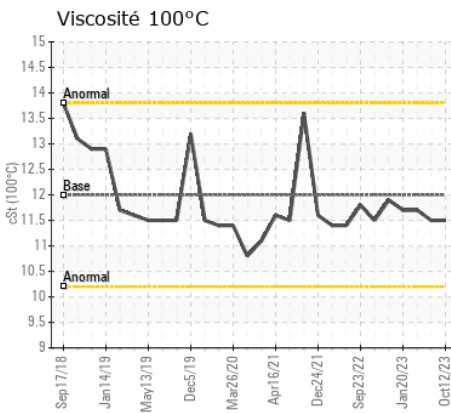
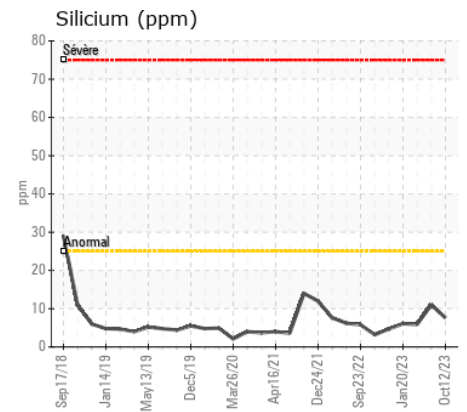
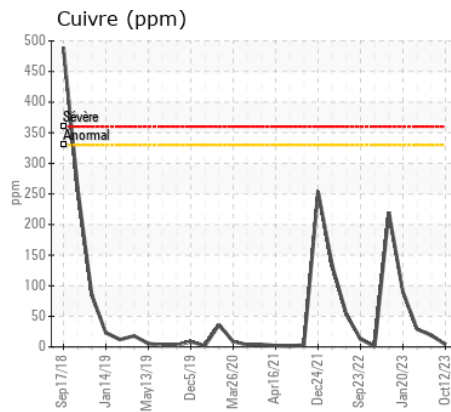
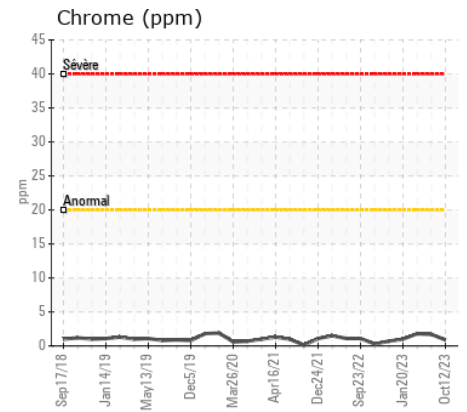
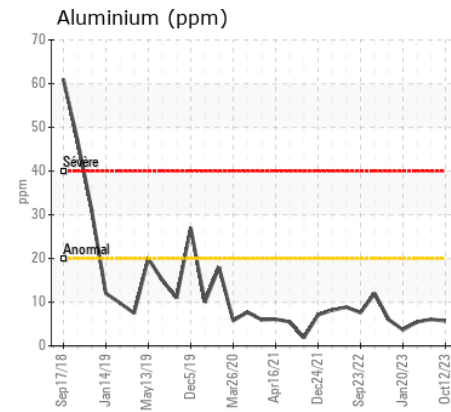
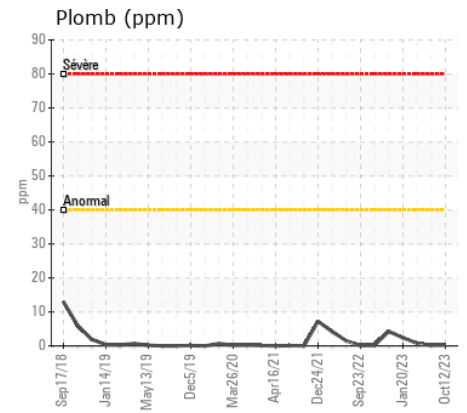
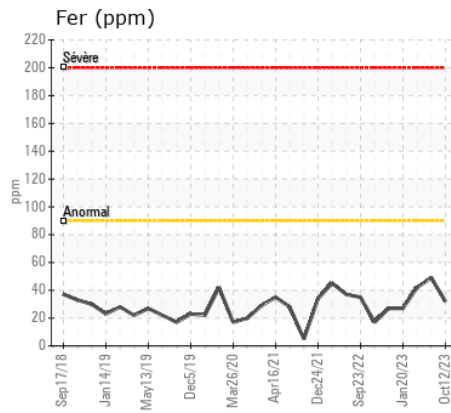
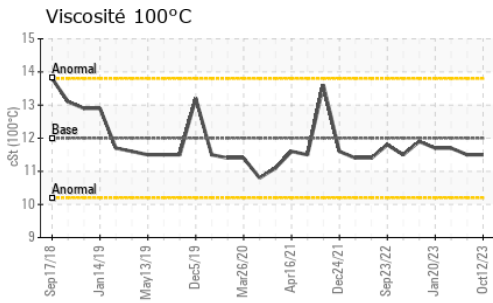
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>8</b>	11	6
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	0
Essence		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>6	<b>0.5</b>	0.5	0.5
Nitration	Abs/cm	ASTM D7624*	>20	<b>10.4</b>	11.2	12.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.8</b>	22.8	22.4
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>	3	3
Bore	ppm	ASTM D5185(m)	2	<b>2</b>	3	2
Baryum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>56</b>	61	62
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>899</b>	974	969
Calcium	ppm	ASTM D5185(m)	1050	<b>1006</b>	1057	1152
Phosphore	ppm	ASTM D5185(m)	995	<b>928</b>	1015	1037
Zinc	ppm	ASTM D5185(m)	1180	<b>1133</b>	1207	1209
Soufre	ppm	ASTM D5185(m)	2600	<b>2375</b>	2231	2280
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>17.4</b>	18.3	20.5
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.5</b>	11.5	11.7



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WC0857934  
**N° de laboratoire** : 02589225  
**Numéro unique** : 5658291  
**Analyse** : MOB 1

**Reçu** : 16 Oct 2023  
**Diagnostiqueur** : Wes Davis

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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.