



# RAPPORT D'ANALYSE D'HUILE

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

Secteur

## 5000 Series

Identité de la machine

## AUTOCAR 5012

Composant

## Moteur diesel

Fluid

## PETRO CANADA DURON SHP 10W30 (16 LTR)

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>WC0909560</b>	WC0889994	WC0877576
Date d'échant.		Client Info		<b>14 Apr 2024</b>	03 Feb 2024	25 Nov 2023
Âge d la Machine	hrs	Client Info		<b>30388</b>	19855	445
Âge de l'huile	hrs	Client Info		<b>11533</b>	864	445
Âge du filtre	hrs	Client Info		<b>11533</b>	864	445
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)	>130	<b>26</b>	31	10
Chrome	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	0
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>2</b>	5	2
Plomb	ppm	ASTM D5185(m)	>20	<b>0</b>	0	<1
Cuivre	ppm	ASTM D5185(m)	>125	<b>&lt;1</b>	1	5
Étain	ppm	ASTM D5185(m)	>4	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

### CONTAMINATION

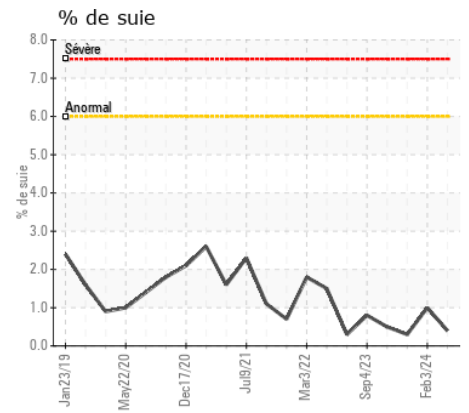
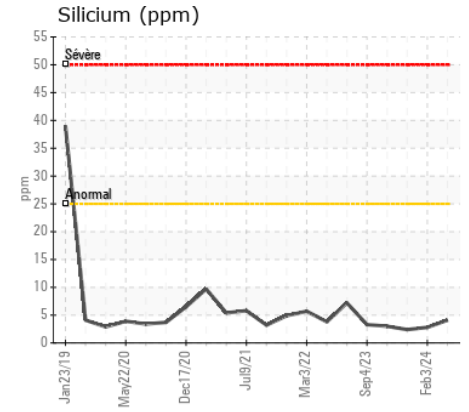
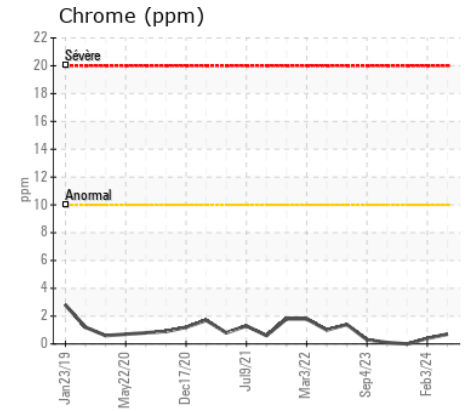
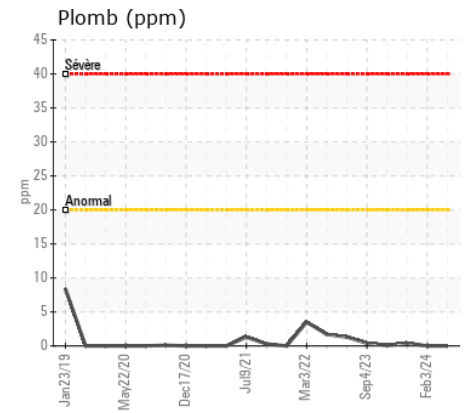
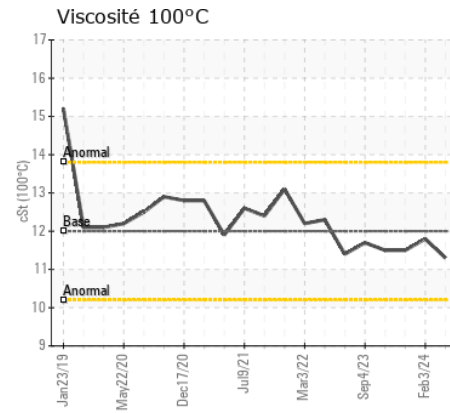
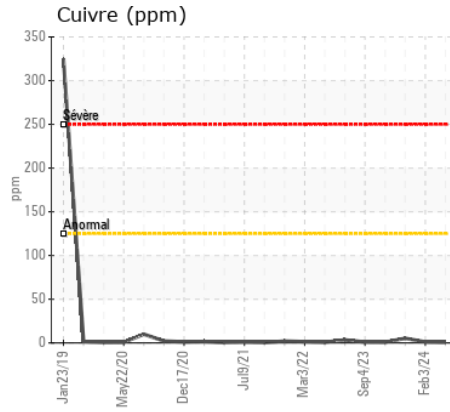
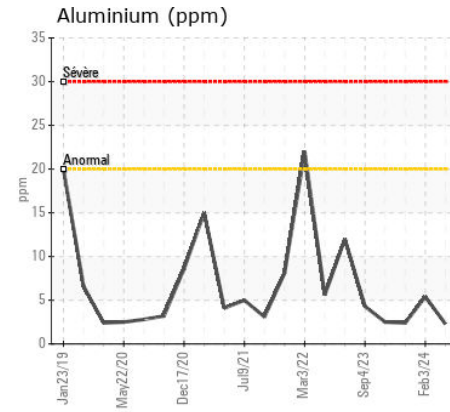
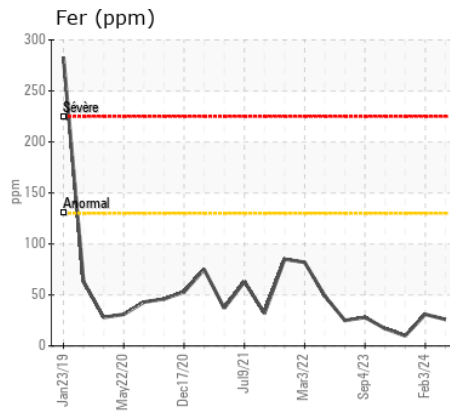
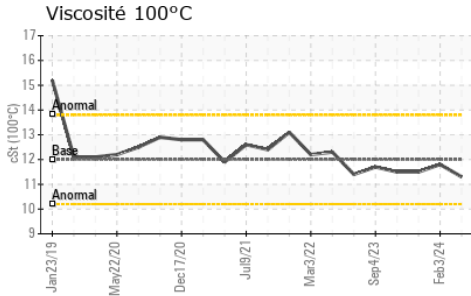
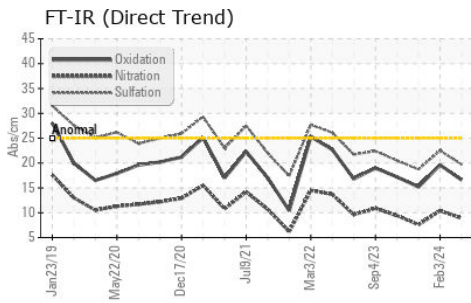
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>4</b>	3	2
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	0
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>	NEG	NEG
% de suie	%	ASTM D7844*	>6	<b>0.4</b>	1	0.3
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.9</b>	10.4	7.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.7</b>	22.5	18.7
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>1</b>	<1	1
Bore	ppm	ASTM D5185(m)	2	<b>2</b>	1	2
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	<1
Molybdène	ppm	ASTM D5185(m)	50	<b>55</b>	58	57
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	0
Magnésium	ppm	ASTM D5185(m)	950	<b>883</b>	945	931
Calcium	ppm	ASTM D5185(m)	1050	<b>970</b>	1144	1196
Phosphore	ppm	ASTM D5185(m)	995	<b>941</b>	1019	999
Zinc	ppm	ASTM D5185(m)	1180	<b>1110</b>	1182	1185
Soufre	ppm	ASTM D5185(m)	2600	<b>2341</b>	2677	2778
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>16.6</b>	19.6	15.2
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.3</b>	11.8	11.5



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WC0909560  
**N° de laboratoire** : 02642856  
**Numéro unique** : 5800395  
**Analyse** : MOB 1

**Reçu** : 19 Jun 2024  
**Tested** : 19 Jun 2024  
**Diagnostiqué** : 19 Jun 2024 - Wes Davis

**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.