



# RAPPORT D'ANALYSE D'HUILE

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

Identité de la machine

## INTERNATIONAL 3307

Composant

### Moteur diesel

Fluid

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

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>WC0909550</b>	WC0889986	WC0890005
Date d'échant.		Client Info		<b>03 Apr 2024</b>	22 Feb 2024	15 Jan 2024
Âge d la Machine	mls	Client Info		<b>15461</b>	81437	61656
Âge de l'huile	mls	Client Info		<b>15461</b>	21575	19459
Âge du filtre	mls	Client Info		<b>15461</b>	21575	19459
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)	>100	<b>13</b>	24	20
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>6</b>	13	14
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	0	0
Cuivre	ppm	ASTM D5185(m)	>330	<b>1</b>	21	1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

## CONTAMINATION

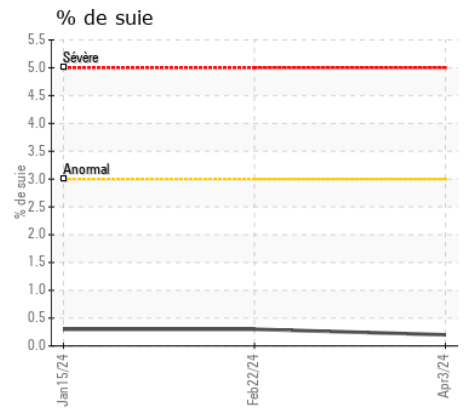
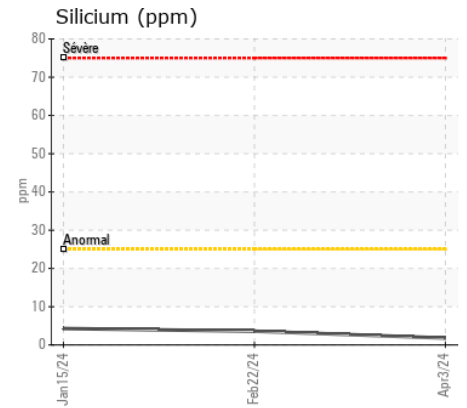
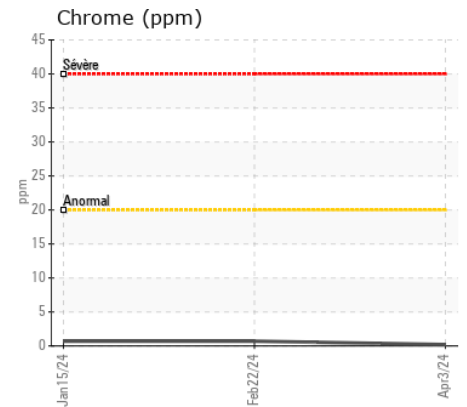
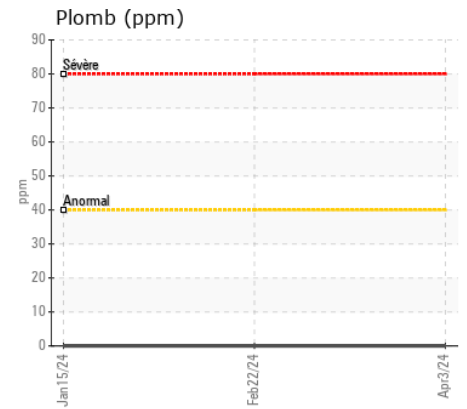
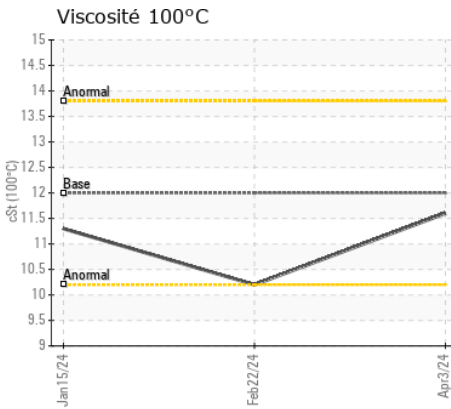
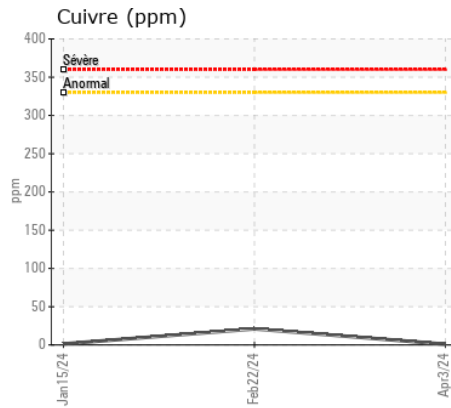
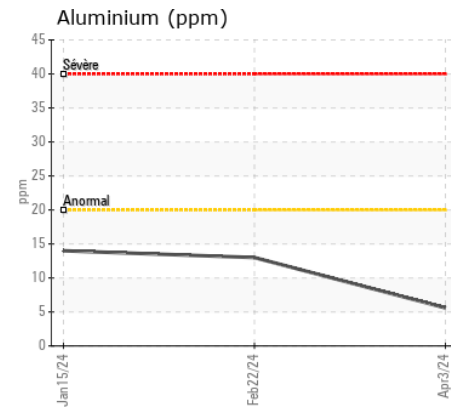
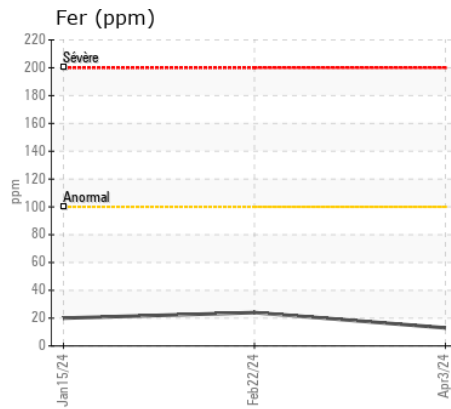
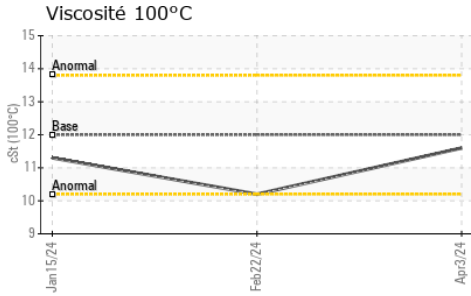
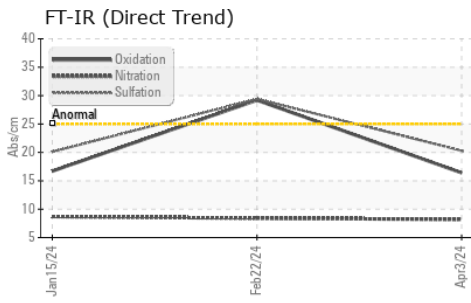
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>2</b>	4	4
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	23	19
Essence		WC Method	>2.0	<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*	>3	<b>0.2</b>	0.3	0.3
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.2</b>	8.4	8.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.3</b>	29.4	20.1
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>	5	1
Bore	ppm	ASTM D5185(m)	2	<b>1</b>	25	1
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	<1	0
Molybdène	ppm	ASTM D5185(m)	50	<b>59</b>	51	59
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Magnésium	ppm	ASTM D5185(m)	950	<b>989</b>	813	981
Calcium	ppm	ASTM D5185(m)	1050	<b>1060</b>	1009	1100
Phosphore	ppm	ASTM D5185(m)	995	<b>998</b>	963	1013
Zinc	ppm	ASTM D5185(m)	1180	<b>1201</b>	1009	1206
Soufre	ppm	ASTM D5185(m)	2600	<b>2508</b>	4009	2667
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>16.4</b>	29.2	16.7
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.6</b>	10.2	11.3



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WC0909550  
**N° de laboratoire** : 02626940  
**Numéro unique** : 5760072  
**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.