

Identité de la machine

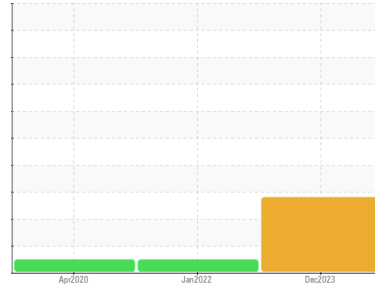
**NORD SK72VL-N250TC-10,84:1 SP-01-0342-CP CHAINE A PIC (S/N 201584724-500)**

Composant

**Engrenage réducteur**

Fluid

**PETRO CANADA ENDURATEX EP 220 (--- GAL)**



**DIAGNOSTIC**

**▲ Recommendation**

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

**▲ Usure**

PQ levels are abnormal. Iron ppm levels are abnormal. Gear wear is indicated. The high ferrous density (PQ) index indicates that abnormal wear is occurring.

**Contamination**

There is no indication of any contamination in the oil.

**État Du Fluide**

The oil is no longer serviceable as a result of the abnormal and/or severe wear.

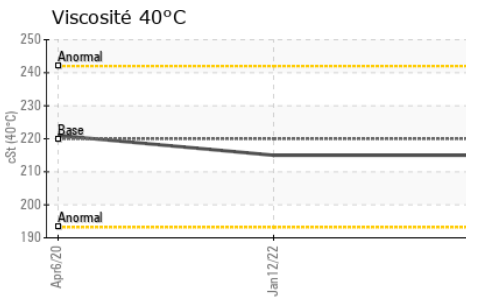
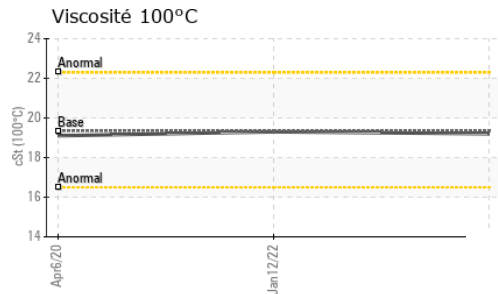
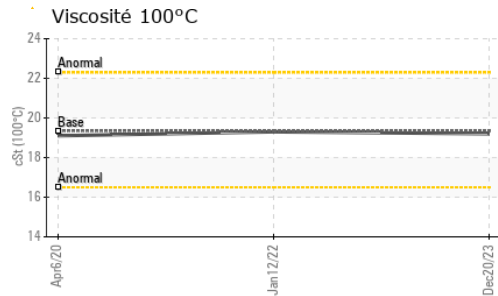
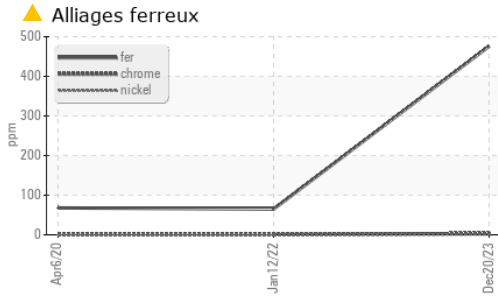
INFORMATION SUR L'ÉCHANTILLON						methode	limite/base	actuel	passé1	passé2
Numéro d'échant.		Client Info					<b>PC0078625</b>	PC0051594	PC0010193	
Date d'échant.		Client Info					<b>20 Dec 2023</b>	12 Jan 2022	06 Apr 2020	
Âge d la Machine	yrs	Client Info					<b>9</b>	0	0	
Âge de l'huile	yrs	Client Info					<b>1</b>	0	2000	
Huile changée		Client Info					<b>Changed</b>	N/A	Not Changd	
Statut de l'échant.							<b>ABNORMAL</b>	NORMAL	NORMAL	

CONTAMINATION						methode	limite/base	actuel	passé1	passé2
L'eau		WC Method		>0.1			<b>NEG</b>	NEG	NEG	

MÉTALUX D'USURE						methode	limite/base	actuel	passé1	passé2
PQ		ASTM D8184*					<b>▲ 259</b>	---	63	
Fer	ppm	ASTM D5185(m)	>150	<b>▲ 476</b>	65	68				
Chrome	ppm	ASTM D5185(m)	>10	<b>4</b>	<1	<1				
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1				
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0				
Argent	ppm	ASTM D5185(m)		<b>0</b>	0	0				
Aluminium	ppm	ASTM D5185(m)	>25	<b>1</b>	<1	<1				
Plomb	ppm	ASTM D5185(m)	>100	<b>0</b>	<1	0				
Cuivre	ppm	ASTM D5185(m)	>50	<b>2</b>	<1	<1				
Étain	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0				
Antimoine	ppm	ASTM D5185(m)	>5	<b>0</b>	0	<1				
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0				
Béryllium	ppm	ASTM D5185(m)		<b>0</b>	0	0				
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	0				

ADDITIFS						methode	limite/base	actuel	passé1	passé2
Bore	ppm	ASTM D5185(m)	60	<b>19</b>	15	70				
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	1	<1				
Molybdène	ppm	ASTM D5185(m)	0	<b>0</b>	<1	0				
Manganèse	ppm	ASTM D5185(m)	0	<b>4</b>	1	<1				
Magnésium	ppm	ASTM D5185(m)	0	<b>1</b>	2	<1				
Calcium	ppm	ASTM D5185(m)	0	<b>8</b>	6	7				
Phosphore	ppm	ASTM D5185(m)	270	<b>242</b>	244	270				
Zinc	ppm	ASTM D5185(m)	0	<b>10</b>	13	5				
Soufre	ppm	ASTM D5185(m)	11200	<b>6277</b>	12738	7143				
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	1	2				

CONTAMINANTS						methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	>50	<b>11</b>	8	12				
Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	0				
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	1	<1				

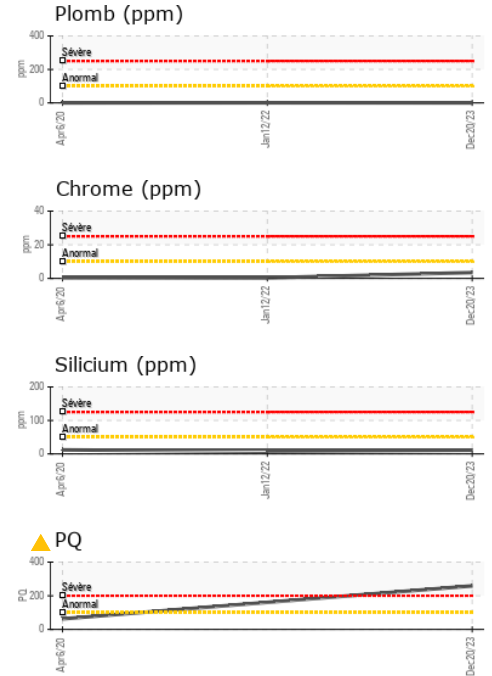
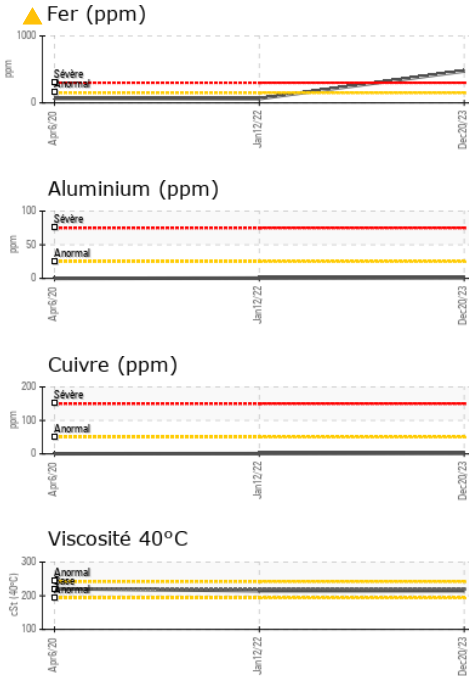


VISUEL	methode	limite/base	actuel	passé1	passé2
Métal blanc	scalar	Visual*	NONE	NONE	VLITE
Bronze	scalar	Visual*	NONE	NONE	NONE
Précipié	scalar	Visual*	NONE	NONE	NONE
Limon	scalar	Visual*	NONE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	NONE
Saleté	scalar	Visual*	NONE	NONE	NONE
Apparence	scalar	Visual*	NORML	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.1	NEG	NEG
Eau libre	scalar	Visual*		NEG	NEG

PROPRIÉTÉS DU FLUID	methode	limite/base	actuel	passé1	passé2
Visc 40°C	cSt	ASTM D7279(m)	220	215	221
Visc 100°C	cSt	ASTM D7279(m)	19.35	19.2	19.1
Indice de viscosité (VI)	Scale	ASTM D2270*	99	100	97

IMAGES DE L'ÉCHANTILLON	methode	limite/base	actuel	passé1	passé2
Coluer					no image
Fond					no image

## GRAPHIQUES



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0078625  
**N° de laboratoire** : 02605450  
**Numéro unique** : 5698535  
**Analyse** : MOB 1 ( Additional Tests: KV100, PQ, VI )

**Reçu** : 27 Dec 2023  
**Diagnostiqué** : 28 Dec 2023  
**Diagnostiqueur** : Kevin Marson

**DAAQUAM**  
43 RANG 6  
ST-PAMPHILE, QC  
CA 60R 3X0

Contact: Pierre-Olivier Leblanc  
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F: x:

Pour discuter cette 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.