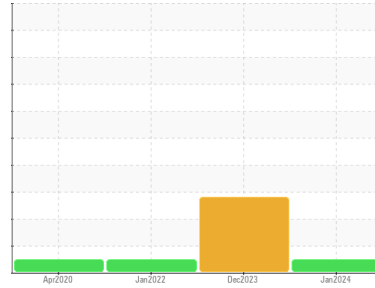


Machine Id  
**NORD SK72VL-N250TC-10,84:1 SP-01-0342-CP CHAINE A PIC (S/N 201584724-500)**  
Component  
**Reduction Gear**  
Fluid  
**PETRO CANADA ENDURATEX EP 220 (--- GAL)**



## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. ( Customer Sample Comment: Re échantillonnage apres 200 hrs d opération )

### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil.

### Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>PC0078626</b>	PC0078625	PC0051594
Sample Date	Client Info			<b>16 Jan 2024</b>	20 Dec 2023	12 Jan 2022
Machine Age	hrs	Client Info		<b>45000</b>	9	0
Oil Age	hrs	Client Info		<b>200</b>	1	0
Oil Changed		Client Info		<b>N/A</b>	Changed	N/A
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

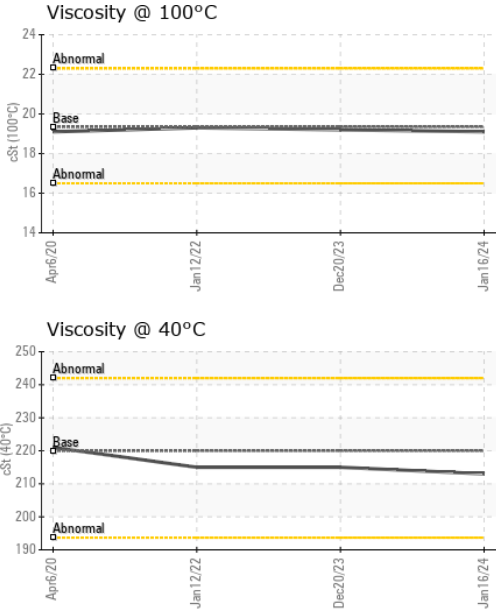
CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.1	<b>NEG</b>	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>150	<b>87</b>	▲ 476	65
Chromium	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	4	<1
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	1	<1
Lead	ppm	ASTM D5185(m)	>100	<b>0</b>	0	<1
Copper	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	2	<1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Antimony	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	60	<b>56</b>	19	15
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	0	1
Molybdenum	ppm	ASTM D5185(m)	0	<b>0</b>	0	<1
Manganese	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	4	1
Magnesium	ppm	ASTM D5185(m)	0	<b>1</b>	1	2
Calcium	ppm	ASTM D5185(m)	0	<b>3</b>	8	6
Phosphorus	ppm	ASTM D5185(m)	270	<b>279</b>	242	244
Zinc	ppm	ASTM D5185(m)	0	<b>4</b>	10	13
Sulfur	ppm	ASTM D5185(m)	11200	<b>7011</b>	6277	12738
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	1

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	<b>6</b>	11	8
Sodium	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	1	1

# OIL ANALYSIS REPORT

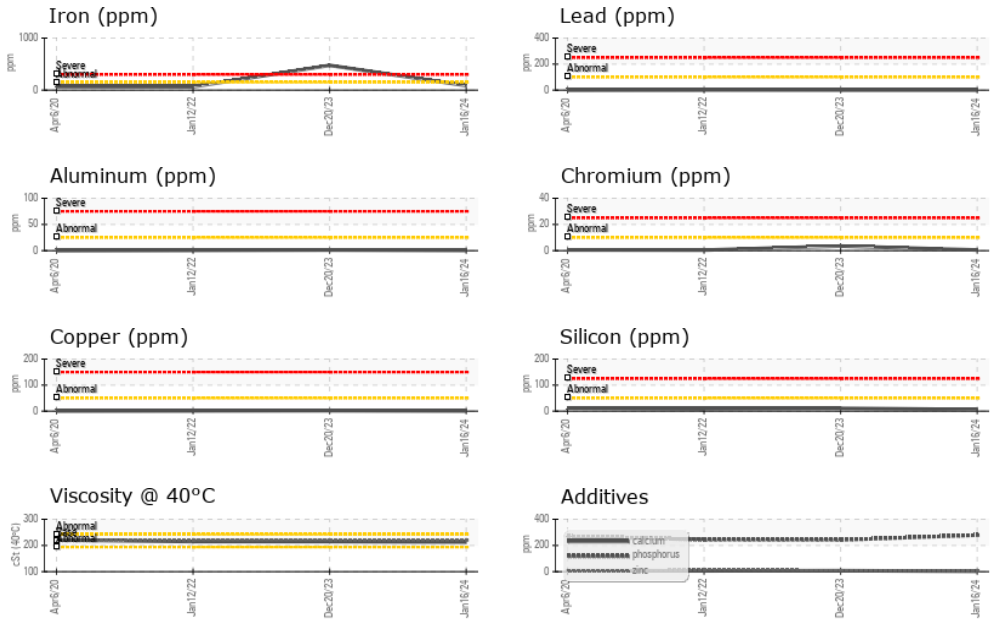


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	220	215	215
Visc @ 100°C	cSt	ASTM D7279(m)	19.35	19.2	19.3
Viscosity Index (VI)	Scale	ASTM D2270*	99	100	101

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0078626 **Recieved** : 17 Jan 2024  
**Lab Number** : 02609460 **Diagnosed** : 18 Jan 2024  
**Unique Number** : 5710546 **Diagnostician** : Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI )

**DAAQUAM**  
 43 RANG 6  
 ST-PAMPHILE, QC  
 CA 60R 3X0  
 Contact: Pierre-Olivier Leblanc  
 pierre-olivier.leblanc@daaquam.com  
 T: (418)356-7693  
 F: x:

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.