



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**#7 SCHWING (S/N 0000203570)**  
 Component  
**Hydraulic System**  
 Fluid  
**PETRO CANADA HYDREX AW 46 (1200 LTR)**

**RECOMMENDATION**

Resample at the next service interval to monitor. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

**WEAR**

All component wear rates are normal.

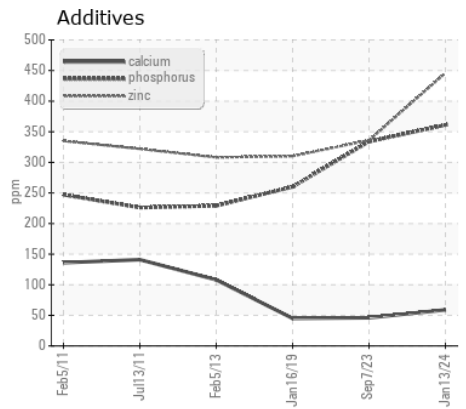
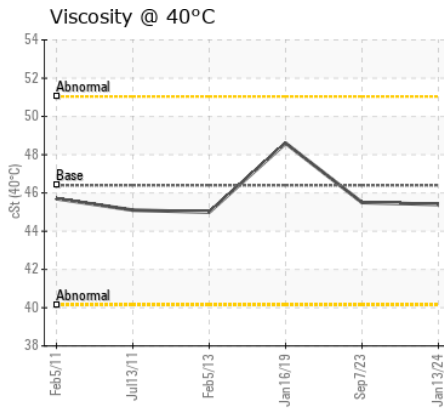
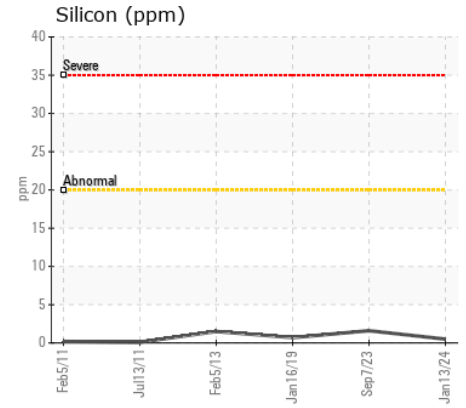
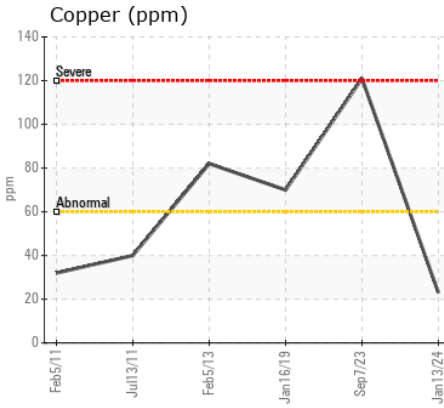
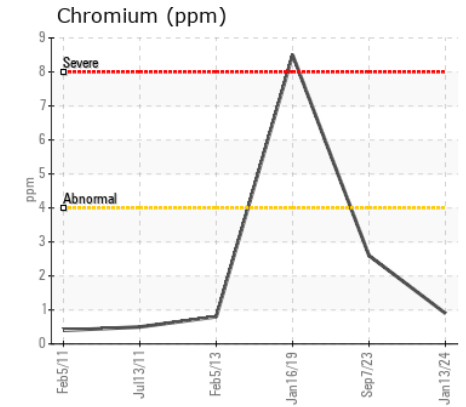
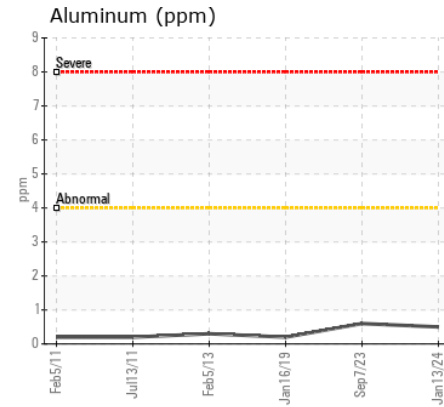
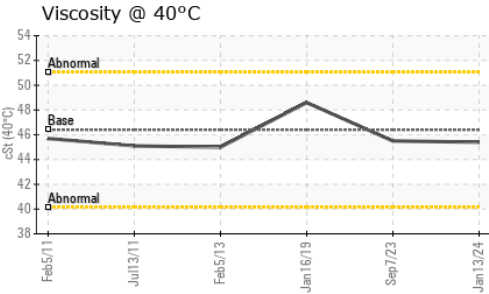
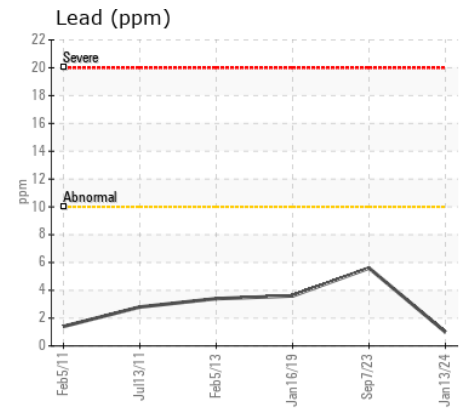
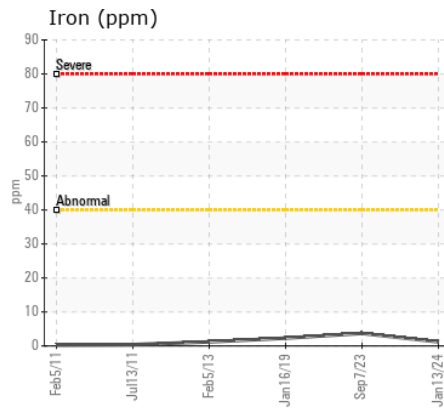
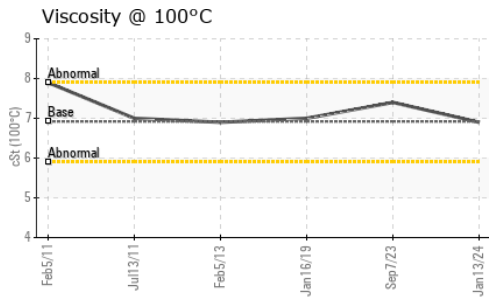
**CONTAMINATION**

There is no indication of any contamination in the component(unconfirmed).

**FLUID CONDITION**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0075704</b>	PC0075633	PC383597
Sample Date		Client Info		<b>13 Jan 2024</b>	07 Sep 2023	16 Jan 2019
Machine Age	hrs	Client Info		<b>39312</b>	38819	29111
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Sample Status				<b>NORMAL</b>	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185(m)	>40	<b>1</b>	4	2
Chromium	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	3	▲ 8
Nickel	ppm	ASTM D5185(m)	>20	<b>&lt;1</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)	>4	<b>&lt;1</b>	<1	<1
Lead	ppm	ASTM D5185(m)	>10	<b>1</b>	6	4
Copper	ppm	ASTM D5185(m)	>60	<b>23</b>	▲ 121	70
Tin	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	2	<1
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	0	0
Water		WC Method	>0.05	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	WGOIL	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.05	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Boron	ppm	ASTM D5185(m)	0	<b>0</b>	0	<1
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)	0	<b>0</b>	0	<1
Magnesium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	<1
Calcium	ppm	ASTM D5185(m)	50	<b>59</b>	46	45
Phosphorus	ppm	ASTM D5185(m)	330	<b>361</b>	334	260
Zinc	ppm	ASTM D5185(m)	430	<b>446</b>	336	310
Sulfur	ppm	ASTM D5185(m)	760	<b>826</b>	802	2373
Visc @ 40°C	cSt	ASTM D7279(m)	46.4	<b>45.4</b>	45.5	48.6
Visc @ 100°C	cSt	ASTM D7279(m)	6.92	<b>6.9</b>	7.4	7.0
Viscosity Index (VI)	Scale	ASTM D2270*	104	<b>107</b>	126	99



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 ONTARIO CLEAN WATER AGENCY- SOUTH PEEL FACILITIES  
**Sample No.** : PC0075704 **Received** : 16 Jan 2024  
**Lab Number** : 02609034 **Diagnosed** : 16 Jan 2024  
**Unique Number** : 5710120 **Diagnostician** : Wes Davis  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI )

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.

1300 LAKESHORE RD  
 MISSISSAUGA, ON  
 CA L5E 1E9  
 Contact: Angelo Magnifico  
 amagnifico@ocwa.com  
 T: (905)274-1223  
 F: (905)274-2076