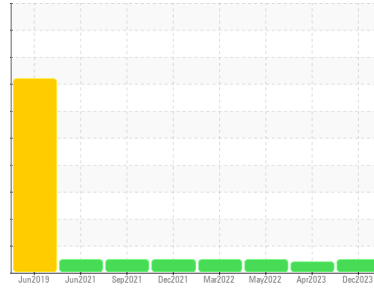


# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**26630**  
 Component  
**Hydraulic System**  
 Fluid  
**PETRO CANADA HYDREX MV 36 (--- GAL)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### 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>PCA0106346</b>	PCA0081628	PCA0071182
Sample Date	Client Info			<b>02 Dec 2023</b>	08 Apr 2023	22 May 2022
Machine Age	mls	Client Info		<b>0</b>	455406	371264
Oil Age	mls	Client Info		<b>0</b>	0	371264
Oil Changed	Client Info			<b>Not Changed</b>	Not Changd	Not Changed
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.05	<b>NEG</b>	NEG	NEG

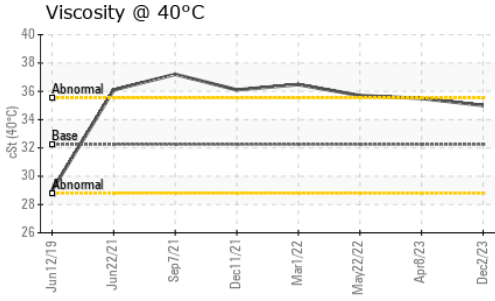
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	<b>5</b>	5	4
Chromium	ppm	ASTM D5185m	>20	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>20	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>20	<b>1</b>	0	<1
Lead	ppm	ASTM D5185m	>20	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185m	>20	<b>&lt;1</b>	1	2
Tin	ppm	ASTM D5185m	>20	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<b>1</b>	2	4
Barium	ppm	ASTM D5185m	0	<b>0</b>	2	0
Molybdenum	ppm	ASTM D5185m	0	<b>2</b>	2	2
Manganese	ppm	ASTM D5185m	1	<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185m	0	<b>24</b>	21	17
Calcium	ppm	ASTM D5185m	135	<b>133</b>	134	161
Phosphorus	ppm	ASTM D5185m	236	<b>343</b>	329	389
Zinc	ppm	ASTM D5185m	317	<b>465</b>	421	453
Sulfur	ppm	ASTM D5185m	561	<b>1414</b>	1338	1285

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<b>4</b>	4	2
Sodium	ppm	ASTM D5185m		<b>0</b>	<1	2
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	<1	0

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>LIGHT</b>	▲ MODER	VLITE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	<b>NEG</b>	NEG	NEG
Free Water	scalar	*Visual		<b>NEG</b>	NEG	NEG

# OIL ANALYSIS REPORT

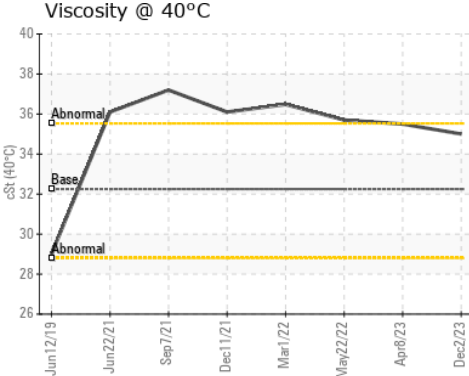
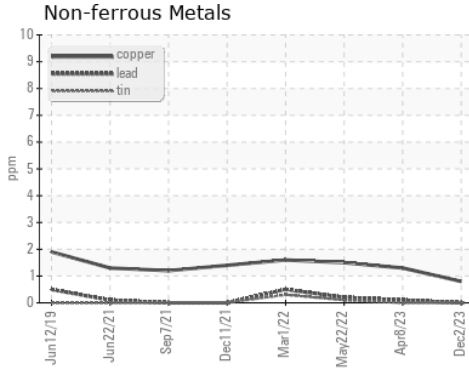
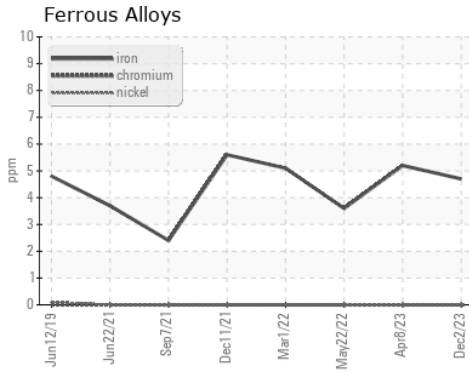


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	32.25	<b>35.0</b>	35.5	35.7

SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color		no image	no image	no image
Bottom		no image	no image	no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0106346 **Received** : 13 Dec 2023  
**Lab Number** : 06033920 **Diagnosed** : 18 Dec 2023  
**Unique Number** : 10789149 **Diagnostician** : Jonathan Hester  
**Test Package** : FLEET

**PERDUE FARMS - SALISBURY**  
 7036 ZION CHURCH ROAD  
 SALISBURY, MD  
 US 21802  
 Contact: RICHARD O'NEAL  
 richard.oneal@perdue.com  
 T: (410)543-3628  
 F: (410)341-2164

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)