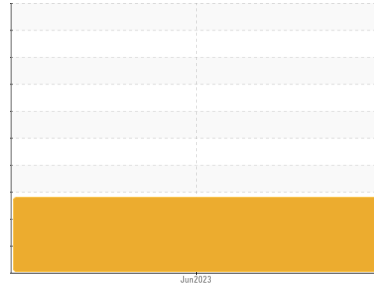


PROBLEM SUMMARY

Sample Rating Trend



WATER



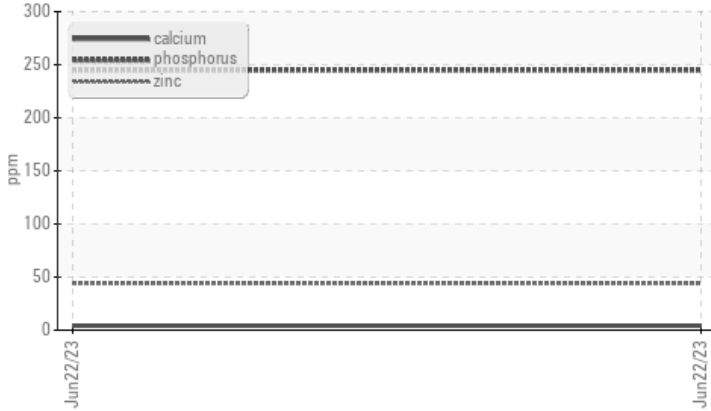
Machine Id
P4 PRESS 4 CROWN

Component
Unknown Component

Fluid
PETRO CANADA ENDURATEX EP 220 (--- LTR)

COMPONENT CONDITION SUMMARY

Additives



RECOMMENDATION

We advise that you check for the source of water entry. Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend that you drain the sample from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please provide more complete information on your next sample.

PROBLEMATIC TEST RESULTS

Sample Status	Appearance	Emulsified Water	Free Water	Viscosity Index (VI)	ABNORMAL	---	---
Sample Status	scalar	Visual*	NORML	99	▲ LAYRD	---	---
Appearance	scalar	Visual*			▲ .2%	---	---
Emulsified Water	scalar	Visual*			▲ >10%	---	---
Free Water	Scale	ASTM D2270*	99		▲ 73	---	---
Viscosity Index (VI)							

Customer Id: VENSTC
Sample No.: PC0061349
Lab Number: 02566287
Test Package: IND 2



To manage this report scan the QR code

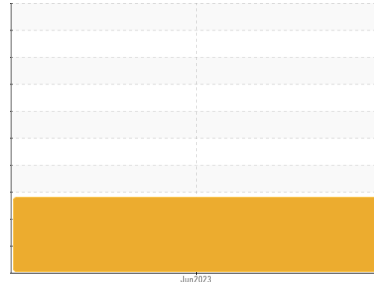
To discuss the diagnosis or test data:
Kevin Marson +1 (289)291-4644 x4644
Kevin.Marson@wearcheck.com

To change component or sample information:
Gloria Gonzalez +1 (289)291-4643 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid	---	---	?	We recommend that you drain the sample from the component if this has not already been done.
Resample	---	---	?	We recommend an early resample to monitor this condition.
Information Required	---	---	?	NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please provide more complete information on your next sample.
Check Breathers	---	---	?	The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather.
Check Fluid Source	---	---	?	Confirm the source of the lubricant being utilized for top-up/fill.
Check Water Access	---	---	?	We advise that you check for the source of water entry.
Check Seals	---	---	?	Check seals and/or filters for points of contaminant entry.

HISTORICAL DIAGNOSIS



Machine Id
P4 PRESS 4 CROWN

Component
Unknown Component

Fluid
PETRO CANADA ENDURATEX EP 220 (--- LTR)

DIAGNOSIS

▲ Recommendation

We advise that you check for the source of water entry. Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend that you drain the sample from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please provide more complete information on your next sample.

Wear

All component wear rates are normal.

▲ Contamination

There is a moderate concentration of water present in the sample. Excessive free water present.

▲ Fluid Condition

Additive levels indicate the addition of a different brand, or type of sample. The AN level is acceptable for this fluid. The sample is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			PC0061349	---	---
Sample Date	Client Info			22 Jun 2023	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed	Client Info			N/A	---	---
Sample Status				ABNORMAL	---	---

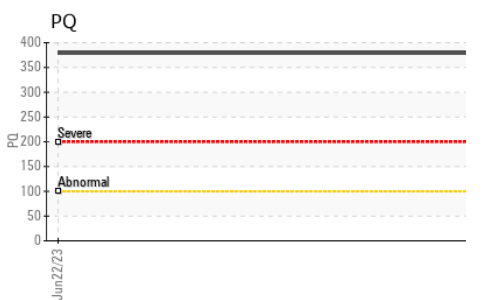
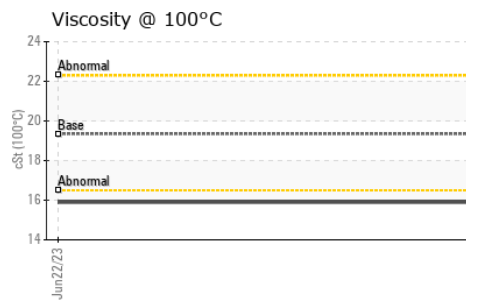
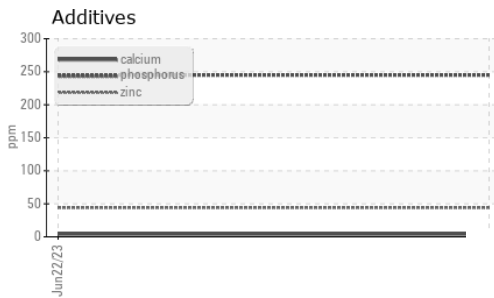
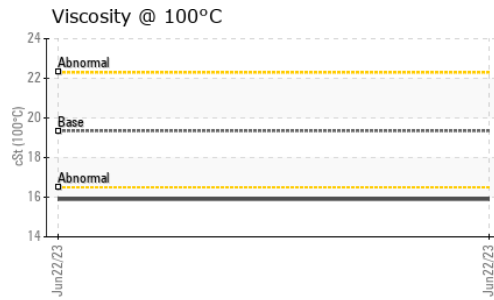
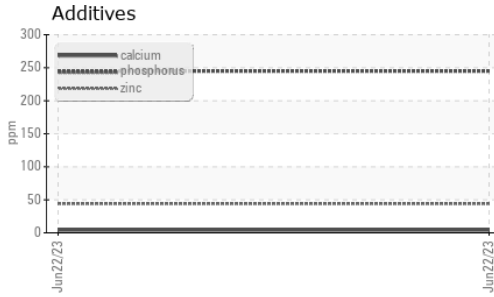
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		379	---	---
Iron	ppm	ASTM D5185(m)		31	---	---
Chromium	ppm	ASTM D5185(m)		<1	---	---
Nickel	ppm	ASTM D5185(m)		<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)		<1	---	---
Aluminum	ppm	ASTM D5185(m)		1	---	---
Lead	ppm	ASTM D5185(m)		2	---	---
Copper	ppm	ASTM D5185(m)		28	---	---
Tin	ppm	ASTM D5185(m)		1	---	---
Antimony	ppm	ASTM D5185(m)		0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Beryllium	ppm	ASTM D5185(m)		0	---	---
Cadmium	ppm	ASTM D5185(m)		0	---	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	60	6	---	---
Barium	ppm	ASTM D5185(m)	0	11	---	---
Molybdenum	ppm	ASTM D5185(m)	0	0	---	---
Manganese	ppm	ASTM D5185(m)	0	1	---	---
Magnesium	ppm	ASTM D5185(m)	0	2	---	---
Calcium	ppm	ASTM D5185(m)	0	4	---	---
Phosphorus	ppm	ASTM D5185(m)	270	245	---	---
Zinc	ppm	ASTM D5185(m)	0	44	---	---
Sulfur	ppm	ASTM D5185(m)	11200	2948	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		3	---	---
Sodium	ppm	ASTM D5185(m)		1	---	---
Potassium	ppm	ASTM D5185(m)	>20	1	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.40	0.49	---	---

OIL ANALYSIS REPORT



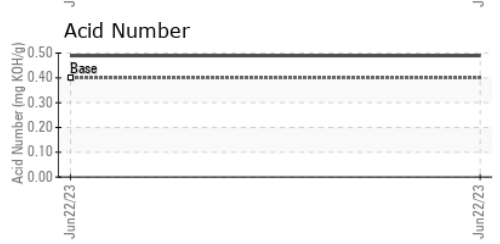
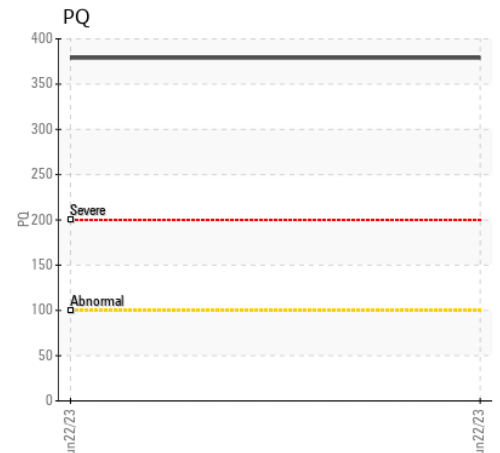
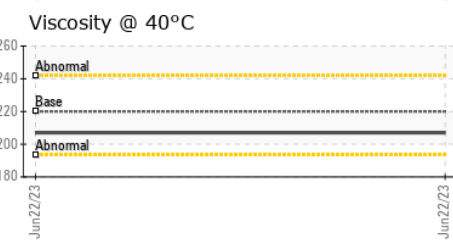
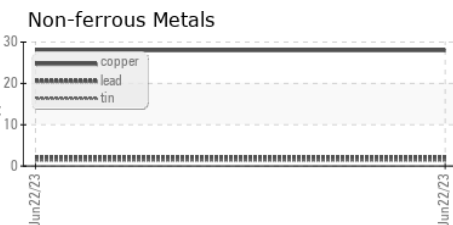
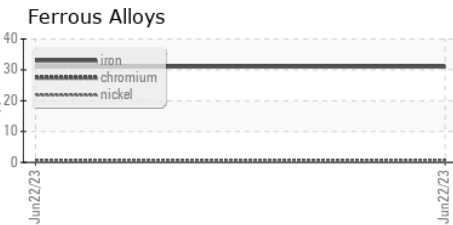
PROPERTY	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	▲ LAYRD	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	▲ .2%	---	---
Free Water	scalar	Visual*	▲ >10%	---	---

PROPERTY	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	220	207	---
Visc @ 100°C	cSt	ASTM D7279(m)	19.35	15.9	---
Viscosity Index (VI)	Scale	ASTM D2270*	99	▲ 73	---

SAMPLE IMAGES

PROPERTY	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0061349 **Received** : 23 Jun 2023
Lab Number : 02566287 **Diagnosed** : 26 Jun 2023
Unique Number : 5603333 **Diagnostician** : Kevin Marson
Test Package : IND 2 (Additional Tests: KV100, TAN Man, 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.

Venest Industries Inc.
 2032 First Street Louth
 St. Catharines, ON
 CA L2S 0C5
 Contact: Allen Taylor
 allen.taylor@magna.com
 T: (905)401-9948
 F: