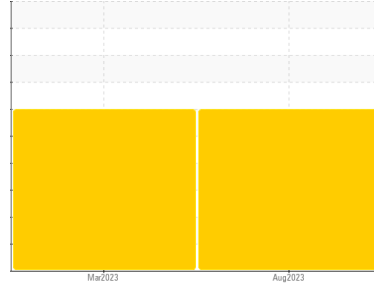


PROBLEM SUMMARY

Sample Rating Trend



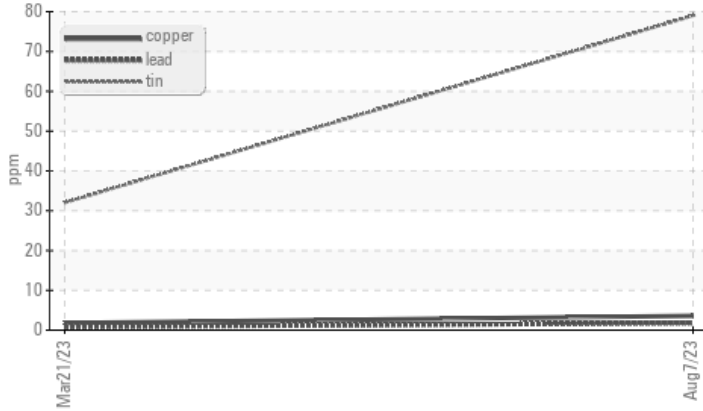
WEAR



Machine Id
B2
Component
Bearing
Fluid
PETRO CANADA SYNDURO SHB ISO 220 (--- LTR)

COMPONENT CONDITION SUMMARY

Non-ferrous Metals



RECOMMENDATION

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. À NOTER: S.V.P. inclure, avec le prochain échantillon, des détails de la capacité du réservoir et le type et le degré de filtration.

PROBLEMATIC TEST RESULTS

Sample Status	SEVERE	SEVERE	---
Tin ppm ASTM D5185(m) >10	79	32	---

Customer Id: WESVAL
Sample No.: PC0076172
Lab Number: 02575260
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
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.

HISTORICAL DIAGNOSIS

21 Mar 2023 Diag: Kevin Marson

WEAR



Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. À NOTER: S.V.P. inclure, avec le prochain échantillon, des détails de la capacité du réservoir et le type et le degré de filtration. Usure de palier. Il n'y a aucun indice de contamination dans l'huile. Le AN est acceptable pour ce fluide. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

view report

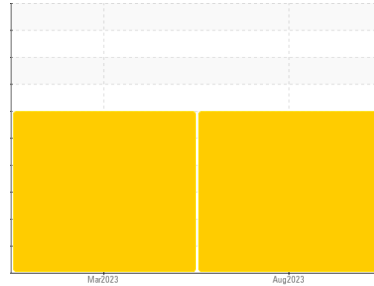




Machine Id
B2

Component
Bearing

Fluid
PETRO CANADA SYNDURO SHB ISO 220 (--- LTR)



DIAGNOSIS

Recommendation

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. À NOTER: S.V.P. inclure, avec le prochain échantillon, des détails de la capacité du réservoir et le type et le degré de filtration.

Wear

Usure de palier.

Contamination

Il n'y a aucun indice de contamination dans l'huile.

Fluid Condition

Le AN est acceptable pour ce fluide. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PC0076172	PC0069650	---
Sample Date	Client Info		07 Aug 2023	21 Mar 2023	---
Machine Age	mths	Client Info	3	0	---
Oil Age	mths	Client Info	0	0	---
Oil Changed	Client Info		Changed	Changed	---
Sample Status			SEVERE	SEVERE	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		5	0	---
Iron	ppm	ASTM D5185(m) >200	15	8	---
Chromium	ppm	ASTM D5185(m) >5	0	0	---
Nickel	ppm	ASTM D5185(m) >5	<1	<1	---
Titanium	ppm	ASTM D5185(m) >5	0	0	---
Silver	ppm	ASTM D5185(m)	0	0	---
Aluminum	ppm	ASTM D5185(m) >25	<1	<1	---
Lead	ppm	ASTM D5185(m) >50	2	<1	---
Copper	ppm	ASTM D5185(m) >150	4	2	---
Tin	ppm	ASTM D5185(m) >10	79	32	---
Antimony	ppm	ASTM D5185(m)	6	2	---
Vanadium	ppm	ASTM D5185(m)	0	0	---
Beryllium	ppm	ASTM D5185(m)	0	0	---
Cadmium	ppm	ASTM D5185(m)	<1	<1	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	1	1	---
Barium	ppm	ASTM D5185(m) 5.0	0	0	---
Molybdenum	ppm	ASTM D5185(m)	0	0	---
Manganese	ppm	ASTM D5185(m)	0	0	---
Magnesium	ppm	ASTM D5185(m) 5.0	0	0	---
Calcium	ppm	ASTM D5185(m) 5.0	5	0	---
Phosphorus	ppm	ASTM D5185(m) 100	95	95	---
Zinc	ppm	ASTM D5185(m) 5.0	2	<1	---
Sulfur	ppm	ASTM D5185(m) 1900	1943	1876	---
Lithium	ppm	ASTM D5185(m)	<1	<1	---

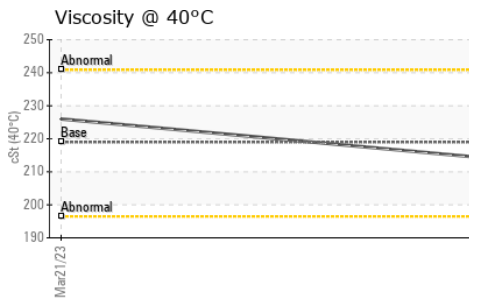
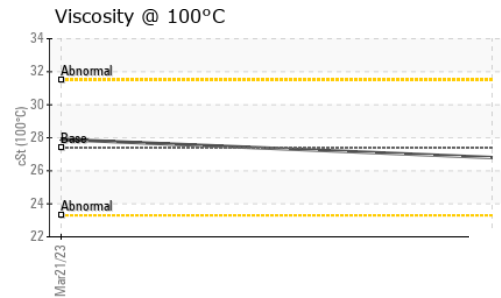
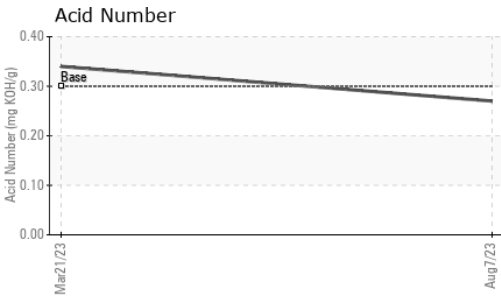
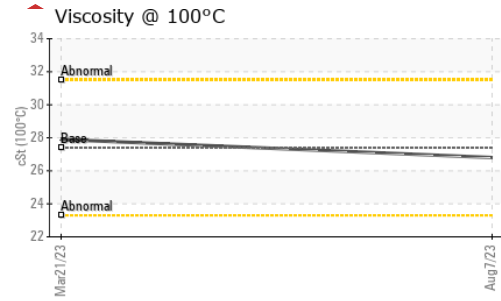
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >25	2	<1	---
Sodium	ppm	ASTM D5185(m)	0	0	---
Potassium	ppm	ASTM D5185(m) >20	<1	<1	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974* 0.3	0.27	0.34	---

OIL ANALYSIS REPORT



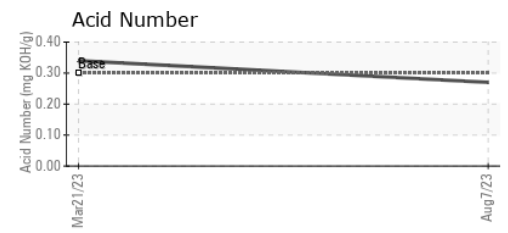
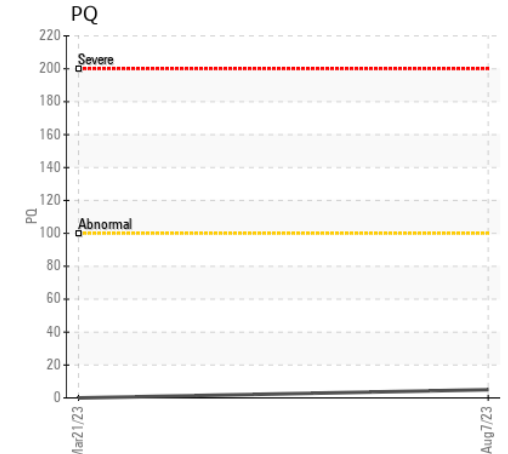
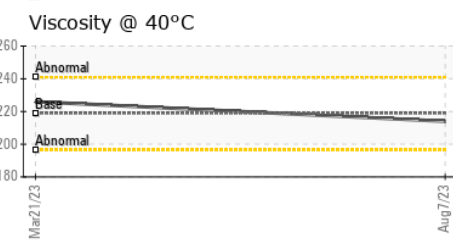
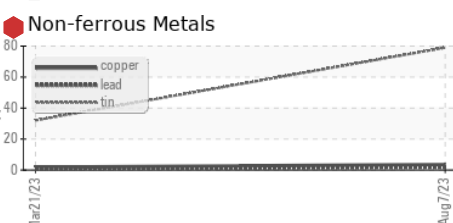
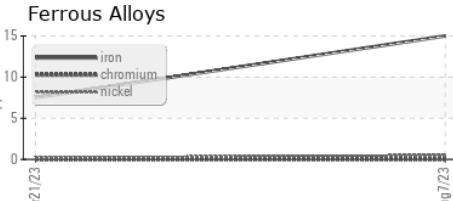
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	219	226	---
Visc @ 100°C	cSt	ASTM D7279(m)	27.4	27.9	---
Viscosity Index (VI)	Scale	ASTM D2270*	160	159	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0076172 **Received** : 10 Aug 2023
Lab Number : 02575260 **Diagnosed** : 11 Aug 2023
Unique Number : 5620311 **Diagnostician** : Kevin Marson
Test Package : IND 2 (Additional Tests: KV100, VI)

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 VAL-D'OR, QC
 CA J0P 4P3
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 michel.larose@wesdome.com
 T:
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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.