

Machine Id
TREUIL

Component
Bearing

Fluid
PETRO CANADA SYNDURO SHB ISO 220 (1 LTR)



DIAGNOSIS

Recommendation

Nous vous recommandons de vérifier tous les endroits par lesquels des contaminants peuvent pénétrer dans le système. Nous vous recommandons de vérifier la présence de particules métalliques visibles dans l'huile. 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. Le contaminant anormal pourrait être dû à une mauvaise technique d'échantillonnage. **AVIS DE NON-RESPONSABILITÉ:** L'interprétation des résultats est basée sur l'échantillon reçu du client. La provenance de l'échantillon et la méthode d'échantillonnage ne peut être vérifiée.

Wear

Présence d'une concentration moyenne de métal visible.

Contamination

Il y a une concentration modérée de la saleté et débris visible, présente 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			PC0076173	---	---
Sample Date	Client Info			25 Jun 2023	---	---
Machine Age	mths	Client Info		0	---	---
Oil Age	mths	Client Info		0	---	---
Oil Changed	Client Info			Changed	---	---
Sample Status				ABNORMAL	---	---

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

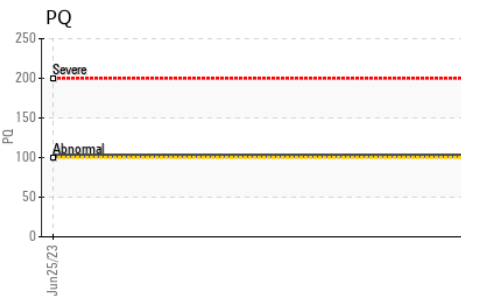
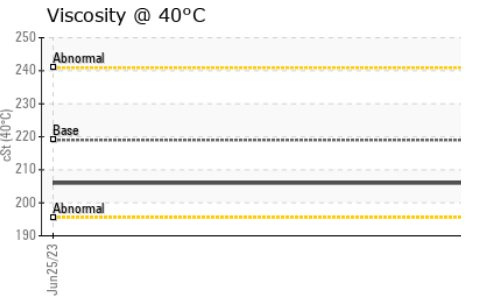
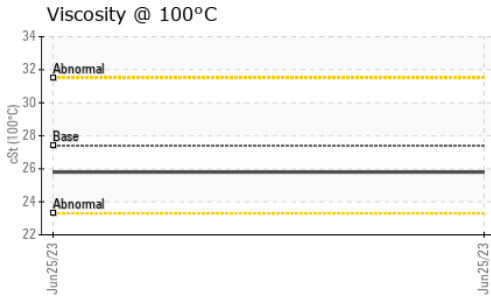
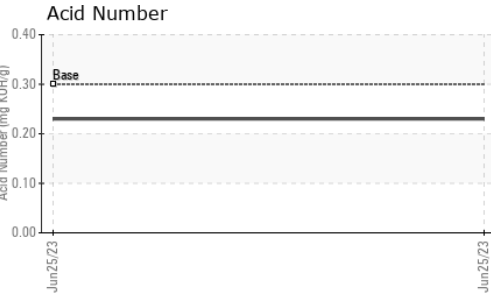
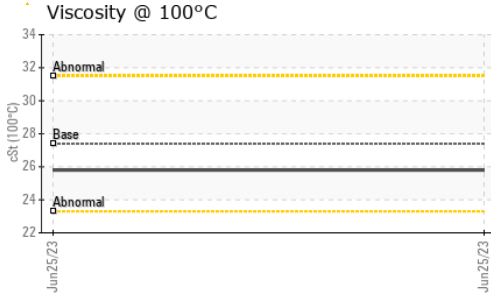
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		102	---	---
Iron	ppm	ASTM D5185(m)	>200	30	---	---
Chromium	ppm	ASTM D5185(m)	>5	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	0	---	---
Titanium	ppm	ASTM D5185(m)	>5	<1	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>25	<1	---	---
Lead	ppm	ASTM D5185(m)	>50	57	---	---
Copper	ppm	ASTM D5185(m)	>150	28	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
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)		2	---	---
Barium	ppm	ASTM D5185(m)	5.0	0	---	---
Molybdenum	ppm	ASTM D5185(m)		0	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)	5.0	<1	---	---
Calcium	ppm	ASTM D5185(m)	5.0	4	---	---
Phosphorus	ppm	ASTM D5185(m)	100	100	---	---
Zinc	ppm	ASTM D5185(m)	5.0	82	---	---
Sulfur	ppm	ASTM D5185(m)	1900	1837	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	8	---	---
Sodium	ppm	ASTM D5185(m)		1	---	---
Potassium	ppm	ASTM D5185(m)	>20	0	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.3	0.23	---	---

OIL ANALYSIS REPORT

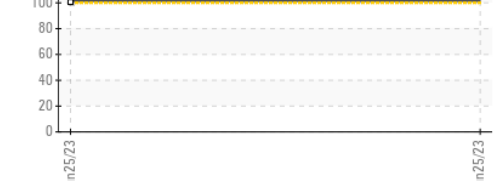
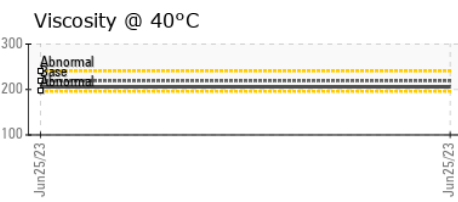
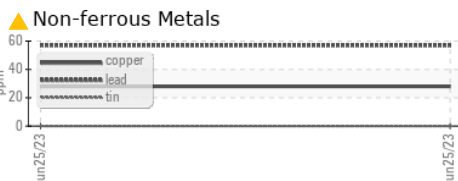
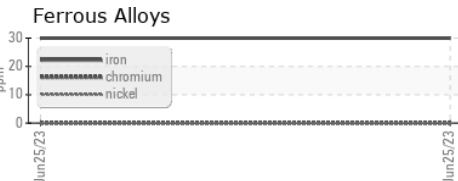


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	▲ LTMOD	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	VLITE	---
Debris	scalar	Visual*	NONE	▲ LIGHT	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	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	206	---
Visc @ 100°C	cSt	ASTM D7279(m)	27.4	25.8	---
Viscosity Index (VI)	Scale	ASTM D2270*	160	158	---

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0076173 **Received** : 28 Jun 2023
Lab Number : **02567109** **Diagnosed** : 29 Jun 2023
Unique Number : 5604155 **Diagnostician** : Kevin Marson
Test Package : IND 2 (Additional Tests: Bottom, BottomAnalysis, FilterPatch, KV100, TAN Man, VI)

WESDOME KIENA MINE
 950 CHEMIN KIENAWISIK
 VAL-D'OR, QC
 CA J0P 4P3
 Contact: Michel Larose
 michel.larose@wesdome.com

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.

T:
 F: (819)738-5452