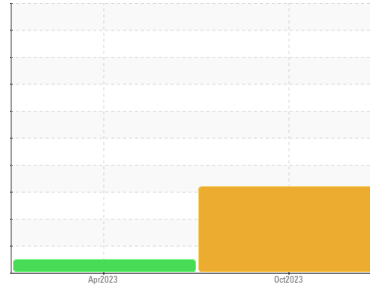




Machine Id
801226
Component
Transmission (Auto)
Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)



DIAGNOSIS

▲ Recommendation

Nous vous recommandons de vérifier la présence de particules métalliques visibles dans le fluide. Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Confirm the source of the lubricant being utilized for top-up/fill. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

▲ Wear

Présence d'une concentration moyenne de métal visible. Usure des engrenages.

Contamination

Il n'y a aucun indice de contamination dans le fluide.

▲ Fluid Condition

La viscosité de l'échantillon se situe dans la portée de l'SAE 75W90; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. le fluide 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		PC0077660	PC0035172	---
Sample Date	Client Info		02 Oct 2023	26 Apr 2023	---
Machine Age	hrs	Client Info	17465	16792	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		Not Chngd	Not Chngd	---
Sample Status			ABNORMAL	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >160	51	35	---
Chromium	ppm	ASTM D5185(m) >5	0	0	---
Nickel	ppm	ASTM D5185(m) >5	<1	<1	---
Titanium	ppm	ASTM D5185(m)	0	<1	---
Silver	ppm	ASTM D5185(m) >5	<1	0	---
Aluminum	ppm	ASTM D5185(m) >50	<1	23	---
Lead	ppm	ASTM D5185(m) >50	<1	2	---
Copper	ppm	ASTM D5185(m) >225	<1	8	---
Tin	ppm	ASTM D5185(m) >10	0	<1	---
Antimony	ppm	ASTM D5185(m)	0	0	---
Vanadium	ppm	ASTM D5185(m)	0	0	---
Beryllium	ppm	ASTM D5185(m)	0	0	---
Cadmium	ppm	ASTM D5185(m)	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 78	41	78	---
Barium	ppm	ASTM D5185(m)	<1	0	---
Molybdenum	ppm	ASTM D5185(m) 0	0	0	---
Manganese	ppm	ASTM D5185(m)	<1	<1	---
Magnesium	ppm	ASTM D5185(m) 0	2	2	---
Calcium	ppm	ASTM D5185(m) 113	▲ 5	129	---
Phosphorus	ppm	ASTM D5185(m) 222	▲ 734	260	---
Zinc	ppm	ASTM D5185(m)	7	4	---
Sulfur	ppm	ASTM D5185(m) 1326	▲ 16339	1473	---
Lithium	ppm	ASTM D5185(m)	<1	<1	---

CONTAMINANTS

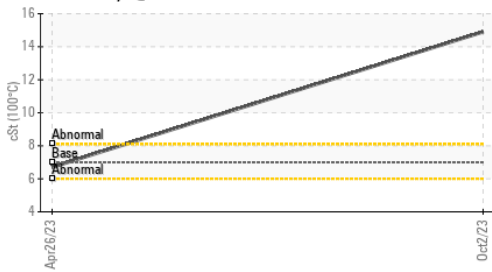
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	9	8	---
Sodium	ppm	ASTM D5185(m)	2	6	---
Potassium	ppm	ASTM D5185(m) >20	<1	<1	---

VISUAL

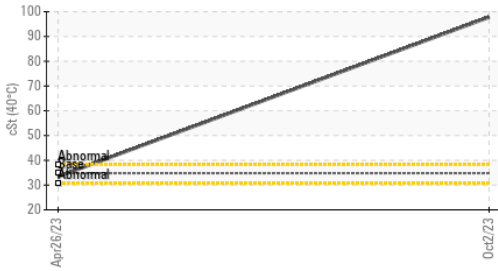
	method	limit/base	current	history1	history2
White Metal	scalar	Visual* NONE	▲ MODER	NONE	---
Yellow Metal	scalar	Visual* NONE	NONE	NONE	---
Precipitate	scalar	Visual* NONE	NONE	NONE	---
Silt	scalar	Visual* NONE	NONE	NONE	---
Debris	scalar	Visual* NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual* NONE	NONE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

OIL ANALYSIS REPORT

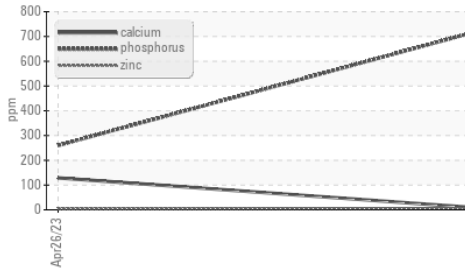
▲ Viscosity @ 100°C



▲ Viscosity @ 40°C



▲ Additives



FLUID PROPERTIES

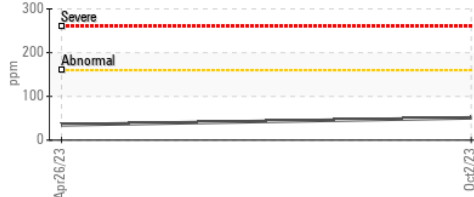
	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	34.8	▲ 97.8	33.4
Visc @ 100°C	cSt	ASTM D7279(m)	7.0	▲ 14.9	6.7
Viscosity Index (VI)	Scale	ASTM D2270*	167	159	162

SAMPLE IMAGES

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

GRAPHS

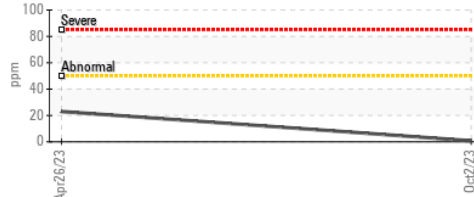
Iron (ppm)



Lead (ppm)



Aluminum (ppm)



Chromium (ppm)



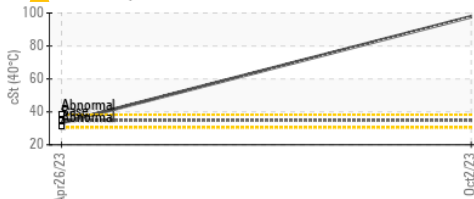
Copper (ppm)



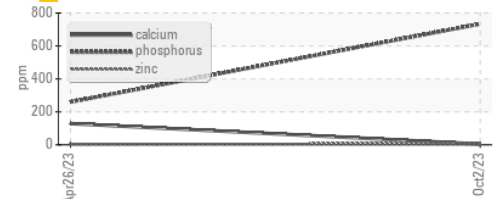
Silicon (ppm)



▲ Viscosity @ 40°C



▲ Additives



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling
Sample No. : PC0077660 **Received** : 05 Oct 2023 6205 Boul. Wilfrid Hamel,
Lab Number : 02587203 **Diagnosed** : 06 Oct 2023 Quebec City, QC
Unique Number : 5656269 **Diagnostician** : Kevin Marson CA G2E 5G8
Test Package : MOB 1 (Additional Tests: Bottom, BottomAnalysis, FilterPatch, KV100, VI) Contact: Manon Cote
 mcote@matrec.ca

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: