



OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Machine Id
9248

Component
Transmission (Auto)

Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (38 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. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

Wear

Il y a indication d'usure du convertisseur de couple. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

Contamination

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

Fluid Condition

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	GFL0094159	---	---
Sample Date	Client Info	20 Oct 2023	---	---
Machine Age	hrs Client Info	16365	---	---
Oil Age	hrs Client Info	2400	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184* >50	17	---	---
Iron	ppm ASTM D5185(m) >160	▲ 267	---	---
Chromium	ppm ASTM D5185(m) >5	<1	---	---
Nickel	ppm ASTM D5185(m) >5	<1	---	---
Titanium	ppm ASTM D5185(m)	0	---	---
Silver	ppm ASTM D5185(m) >5	<1	---	---
Aluminum	ppm ASTM D5185(m) >50	▲ 85	---	---
Lead	ppm ASTM D5185(m) >50	16	---	---
Copper	ppm ASTM D5185(m) >225	35	---	---
Tin	ppm ASTM D5185(m) >10	5	---	---
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) 78	101	---	---
Barium	ppm ASTM D5185(m)	0	---	---
Molybdenum	ppm ASTM D5185(m) 0	0	---	---
Manganese	ppm ASTM D5185(m)	2	---	---
Magnesium	ppm ASTM D5185(m) 0	<1	---	---
Calcium	ppm ASTM D5185(m) 113	44	---	---
Phosphorus	ppm ASTM D5185(m) 222	259	---	---
Zinc	ppm ASTM D5185(m)	5	---	---
Sulfur	ppm ASTM D5185(m) 1326	389	---	---
Lithium	ppm ASTM D5185(m)	<1	---	---

CONTAMINANTS

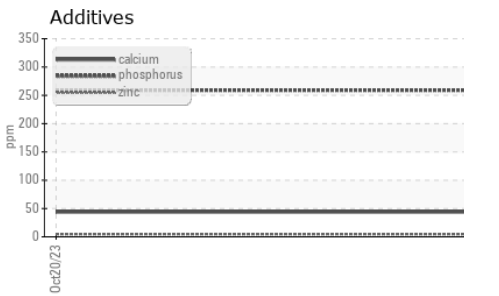
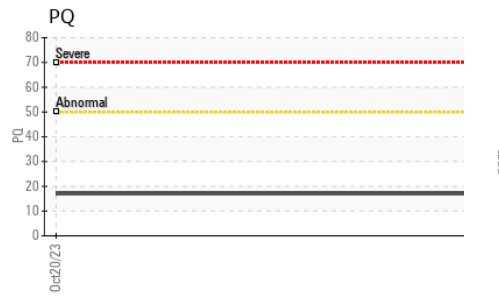
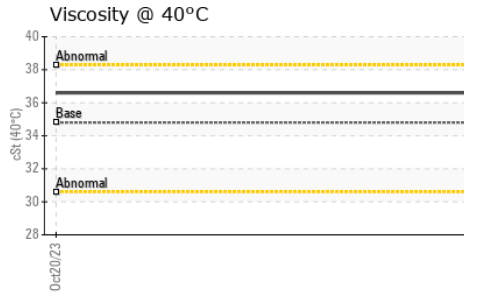
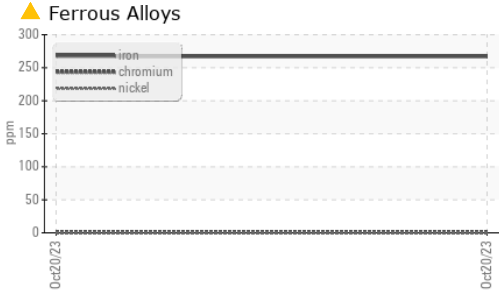
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >20	19	---	---
Sodium	ppm ASTM D5185(m)	7	---	---
Potassium	ppm ASTM D5185(m) >20	2	---	---

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	---	---



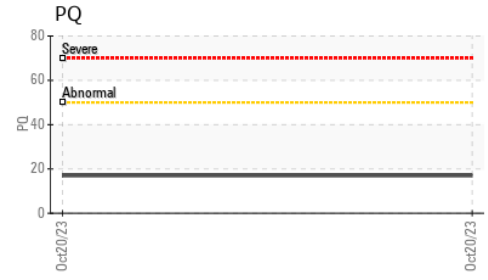
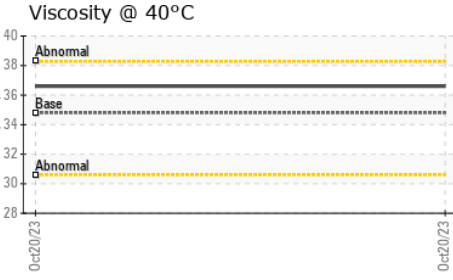
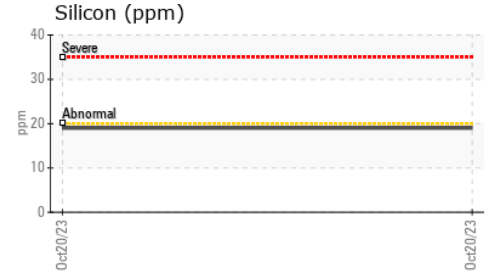
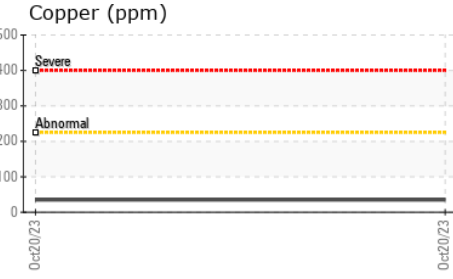
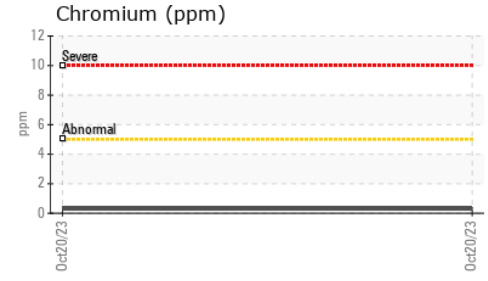
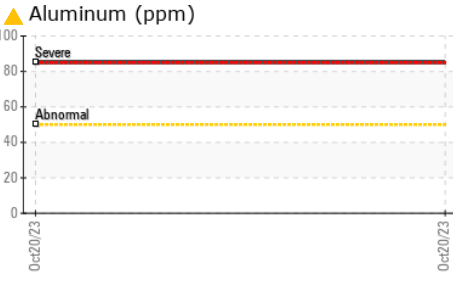
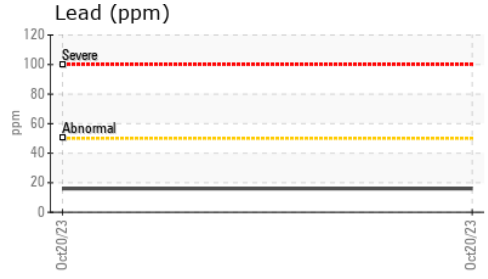
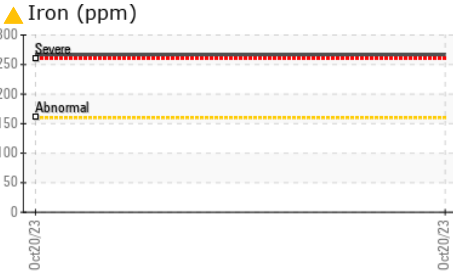
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	34.8	36.6	---	---

SAMPLE IMAGES		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 GFL Environmental - 731STOK - Stoke Hauling
Sample No. : GFL0094159 **Received** : 26 Oct 2023 286 Chemin Cote
Lab Number : 02592185 **Diagnosed** : 27 Oct 2023 Stoke, QC
Unique Number : 5669264 **Diagnostician** : Kevin Marson CA J0B 3G0
Test Package : MOB 1 (Additional Tests: PQ) Contact: Robert Sayers
 rsayers@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.