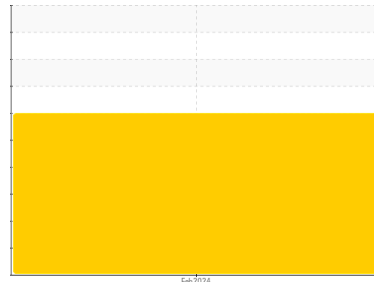




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id

Gfl
Component
6 Diesel Engine

Fluid
PETRO CANADA DURON SHP 10W30 (40 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

Usure de la soupape d'échappement.

Contamination

Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Fluid Condition

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		GFL0096439	---	---
Sample Date	Client Info		13 Feb 2024	---	---
Machine Age	hrs	Client Info	6258	---	---
Oil Age	hrs	Client Info	600	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			SEVERE	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Fuel	WC Method	>5	<1.0	---	---
Water	WC Method	>0.2	NEG	---	---
Glycol	WC Method		NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>100	15	---
Chromium	ppm	ASTM D5185(m)	>20	<1	---
Nickel	ppm	ASTM D5185(m)	>4	▲ 8	---
Titanium	ppm	ASTM D5185(m)		0	---
Silver	ppm	ASTM D5185(m)	>3	0	---
Aluminum	ppm	ASTM D5185(m)	>20	2	---
Lead	ppm	ASTM D5185(m)	>40	<1	---
Copper	ppm	ASTM D5185(m)	>330	23	---
Tin	ppm	ASTM D5185(m)	>15	<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)	2	2	---
Barium	ppm	ASTM D5185(m)	0	0	---
Molybdenum	ppm	ASTM D5185(m)	50	56	---
Manganese	ppm	ASTM D5185(m)	0	<1	---
Magnesium	ppm	ASTM D5185(m)	950	892	---
Calcium	ppm	ASTM D5185(m)	1050	1050	---
Phosphorus	ppm	ASTM D5185(m)	995	927	---
Zinc	ppm	ASTM D5185(m)	1180	1123	---
Sulfur	ppm	ASTM D5185(m)	2600	2375	---
Lithium	ppm	ASTM D5185(m)		<1	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	2	---
Sodium	ppm	ASTM D5185(m)		1	---
Potassium	ppm	ASTM D5185(m)	>20	7	---

INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>3	0.2	---
Nitration	Abs/cm	ASTM D7624*	>20	8.5	---
Sulfation	Abs./1mm	ASTM D7415*	>30	19.7	---

