



Machine Id
8331
Component
Diesel Engine
Fluid
PETRO CANADA DURON SHP 10W30 (--- GAL)

RECOMMENDATION

Vérifier le niveau du fluide de refroidissement. Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0120765	GFL0096350	GFL0079441
Sample Date		Client Info		19 Apr 2024	01 Nov 2023	15 May 2023
Machine Age	kms	Client Info		329670	299776	294132
Oil Age	kms	Client Info		600	600	0
Filter Age	kms	Client Info		0	600	0
Oil Changed		Client Info		N/A	N/A	Changed
Filter Changed		Client Info		N/A	N/A	Changed
Sample Status				ATTENTION	ABNORMAL	NORMAL

WEAR

Les taux d'usure de tous les composants sont normaux.

Iron	ppm	ASTM D5185(m)	>75	23	40	32
Chromium	ppm	ASTM D5185(m)	>5	<1	2	1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	0	0	<1
Silver	ppm	ASTM D5185(m)	>2	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>15	5	8	4
Lead	ppm	ASTM D5185(m)	>25	0	<1	<1
Copper	ppm	ASTM D5185(m)	>100	1	2	2
Tin	ppm	ASTM D5185(m)	>4	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

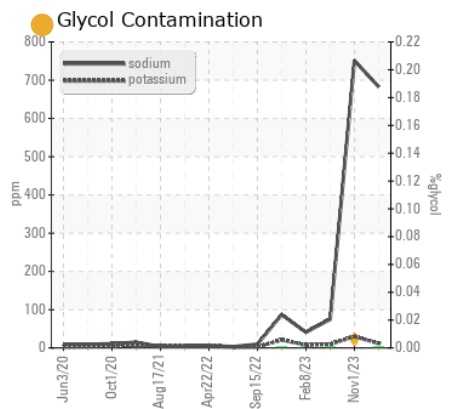
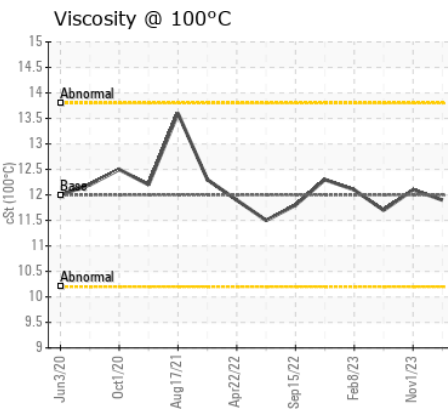
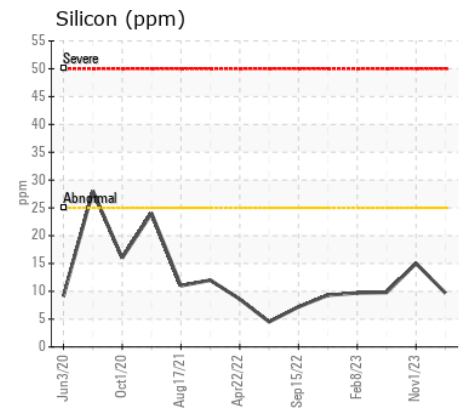
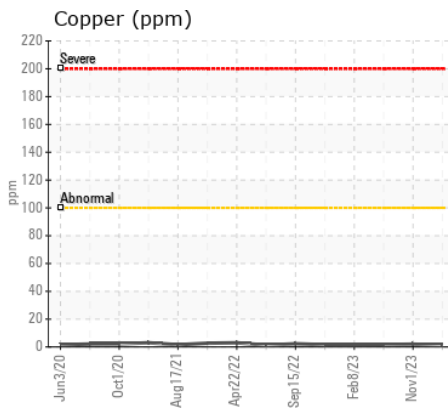
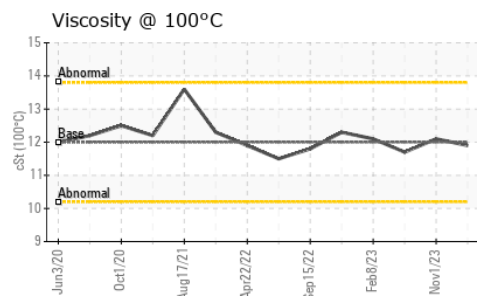
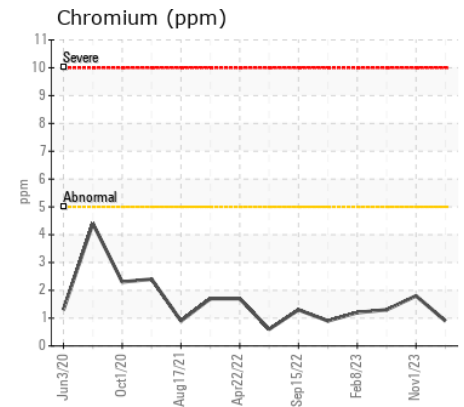
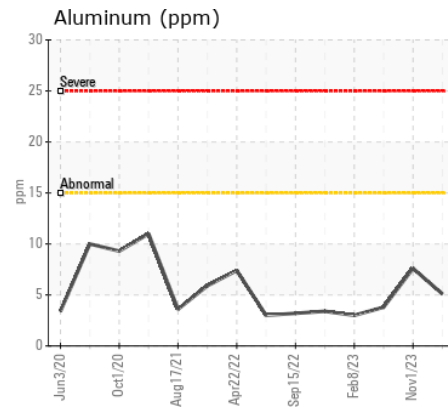
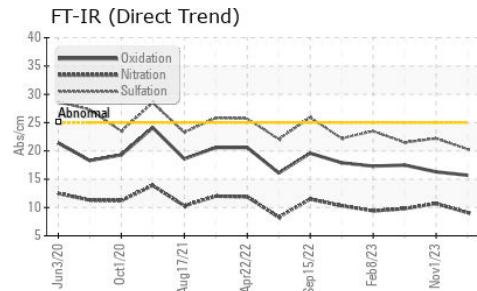
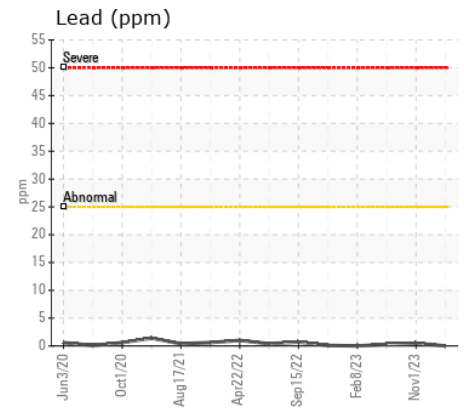
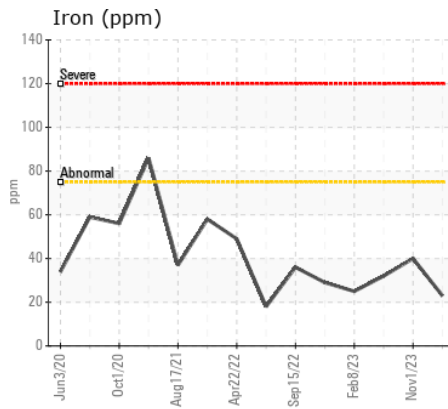
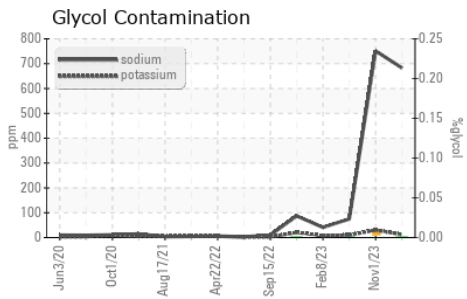
Des produits de traitement de l'eau sont présents, ce qui indique une fuite lente de fluide de refroidissement. Le test de glycol est négatif. Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	10	15	10
Potassium	ppm	ASTM D5185(m)	>20	12	▲ 30	10
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol	%	ASTM D7922*		0.0	▲ 0.01	0.0
Soot %	%	ASTM D7844*	>6	0.4	0.9	0.6
Nitration	Abs/cm	ASTM D7624*	>20	9.1	10.7	9.8
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.3	22.2	21.5
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

L'état de l'huile est acceptable pour la durée de service (voir recommandation).

Sodium	ppm	ASTM D5185(m)		● 683	● 751	75
Boron	ppm	ASTM D5185(m)	2	7	2	2
Barium	ppm	ASTM D5185(m)	0	0	<1	0
Molybdenum	ppm	ASTM D5185(m)	50	85	92	66
Manganese	ppm	ASTM D5185(m)	0	<1	0	<1
Magnesium	ppm	ASTM D5185(m)	950	902	972	996
Calcium	ppm	ASTM D5185(m)	1050	1136	1073	1172
Phosphorus	ppm	ASTM D5185(m)	995	934	1028	1107
Zinc	ppm	ASTM D5185(m)	1180	1103	1220	1274
Sulfur	ppm	ASTM D5185(m)	2600	2380	2516	2543
Oxidation	Abs/.1mm	ASTM D7414*	>25	15.7	16.3	17.5
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	11.9	12.1	11.7



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0120765
Lab Number : 02633844
Unique Number : 5774997
Test Package : MOB 1 (Additional Tests: Glycol)

GFL Environmental - 747 - GMA - Solid Waste
 4 Chemin du Tremblay,
 Boucherville, QC
 CA J4B 6Z5
 Contact: Steve Voyer
 svoyer@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.

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F: