



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
(L959782)
Machine Id
MACK 9256
Component
Diesel Engine
Fluid
PETRO CANADA DURON SHP 10W30 (220 LTR)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez communiquer avec un représentant GFL Environmental au sujet de l'achat d'une trousse d'échantillonnage appropriée à vos besoins. Notez: nous recommandons d'acheter les trousse MOB 3 pour cet équipement, Cet ensemble de tests inclut la ferrographie analytique qui donne une analyse morphologique détaillée des particules d'usure présentes dans le fluide. Ce test inclut le BN (indice d'alcalinité) pour évaluer si l'huile peut encore servir. (Customer Sample Comment: Changement d'huile moteur)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0081622	---	---
Sample Date		Client Info		01 Mar 2024	---	---
Machine Age	hrs	Client Info		17148	---	---
Oil Age	hrs	Client Info		600	---	---
Filter Age	hrs	Client Info		600	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

WEAR

Les taux d'usure des composants semblent être normaux (non confirmé).

Iron	ppm	ASTM D5185(m)	>120	16	---	---
Chromium	ppm	ASTM D5185(m)	>20	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)	>2	0	---	---
Silver	ppm	ASTM D5185(m)	>2	0	---	---
Aluminum	ppm	ASTM D5185(m)	>20	4	---	---
Lead	ppm	ASTM D5185(m)	>40	<1	---	---
Copper	ppm	ASTM D5185(m)	>330	1	---	---
Tin	ppm	ASTM D5185(m)	>15	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

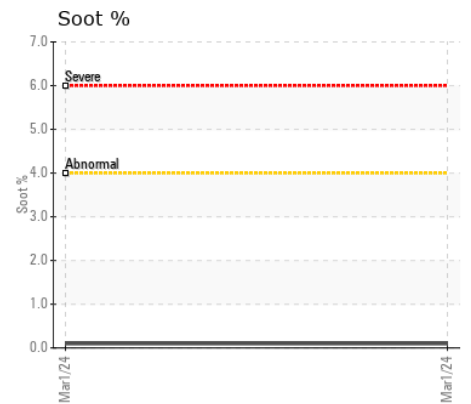
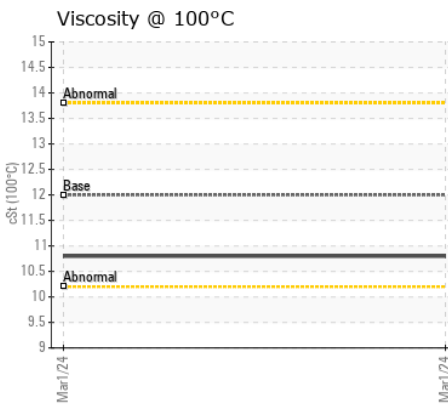
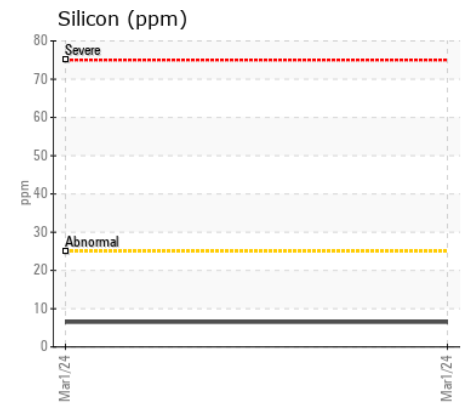
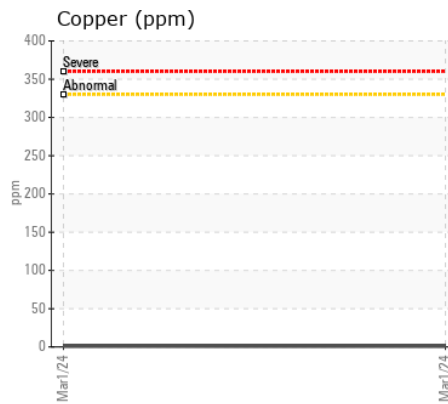
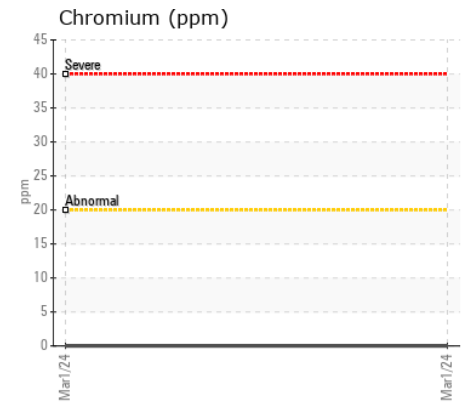
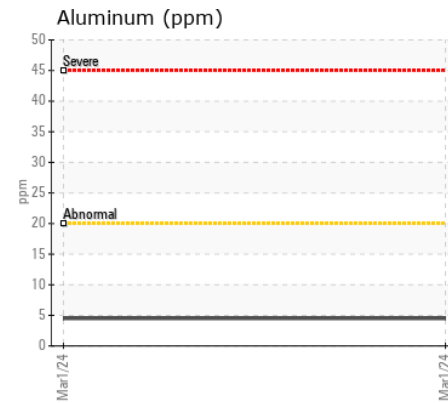
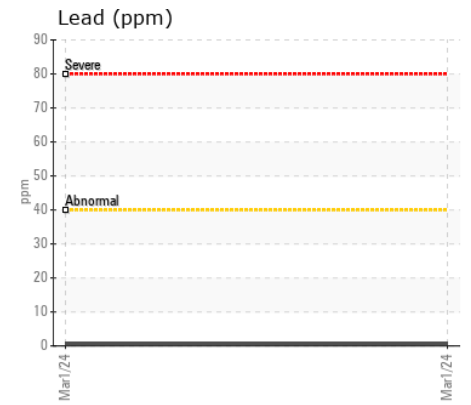
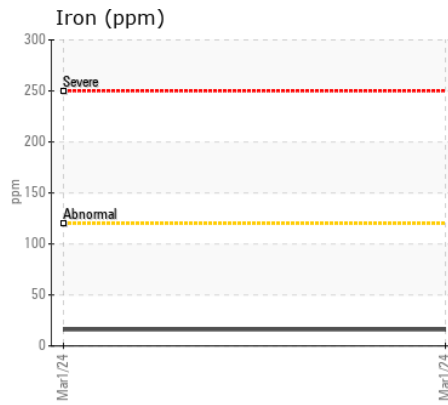
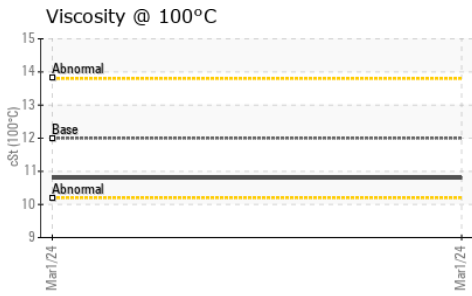
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	6	---	---
Potassium	ppm	ASTM D5185(m)	>20	4	---	---
Fuel		WC Method	>3.0	<1.0	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	ASTM D7844*	>4	0.1	---	---
Nitration	Abs/cm	ASTM D7624*	>20	8.7	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.0	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---

FLUID CONDITION

L'état de l'huile est acceptable pour la durée de service (non confirmée).

Sodium	ppm	ASTM D5185(m)		3	---	---
Boron	ppm	ASTM D5185(m)	2	4	---	---
Barium	ppm	ASTM D5185(m)	0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	50	56	---	---
Manganese	ppm	ASTM D5185(m)	0	0	---	---
Magnesium	ppm	ASTM D5185(m)	950	936	---	---
Calcium	ppm	ASTM D5185(m)	1050	1068	---	---
Phosphorus	ppm	ASTM D5185(m)	995	999	---	---
Zinc	ppm	ASTM D5185(m)	1180	1143	---	---
Sulfur	ppm	ASTM D5185(m)	2600	2989	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	15.6	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	10.8	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0081622 **Received** : 04 Mar 2024
Lab Number : 02619770 **Tested** : 04 Mar 2024
Unique Number : 5736880 **Diagnosed** : 04 Mar 2024 - Kevin Marson
Test Package : MOB 1

GFL Environmental - 774
 169 Route 117
 Mont-Tremblant, QC
 CA J8E 1A1
 Contact: Stephane Filteau
 sfilteau@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: