



Machine Id
MACK CXU 126
Component
Diesel Engine
Fluid
PETRO CANADA DURON UHP 5W40 (--- GAL)

RECOMMENDATION

Nous avons pris note que l'huile a été vidangée et le filtre remplacé au moment de l'échantillonnage. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0020561	---	---
Sample Date		Client Info		18 Apr 2024	---	---
Machine Age	hrs	Client Info		16617	---	---
Oil Age	hrs	Client Info		110	---	---
Filter Age	hrs	Client Info		110	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				MARGINAL	---	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>120	3	---	---
Chromium	ppm	ASTM D5185(m)	>20	0	---	---
Nickel	ppm	ASTM D5185(m)	>15	<1	---	---
Titanium	ppm	ASTM D5185(m)	>2	0	---	---
Silver	ppm	ASTM D5185(m)	>3	0	---	---
Aluminum	ppm	ASTM D5185(m)	>20	1	---	---
Lead	ppm	ASTM D5185(m)	>40	0	---	---
Copper	ppm	ASTM D5185(m)	>330	<1	---	---
Tin	ppm	ASTM D5185(m)	>15	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

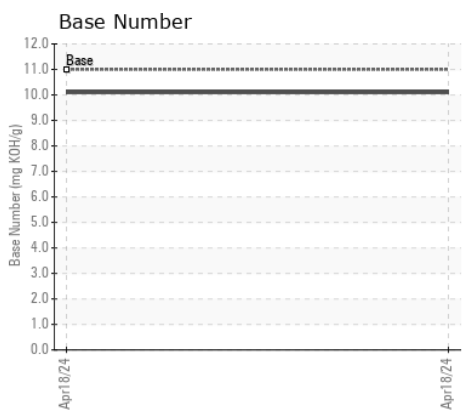
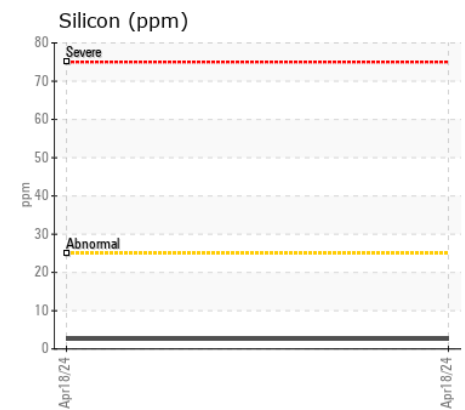
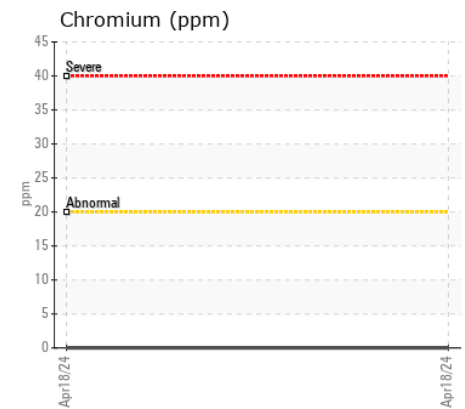
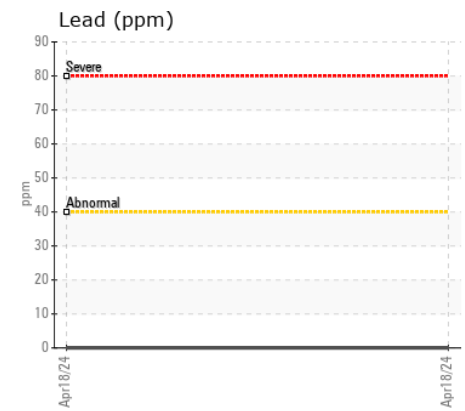
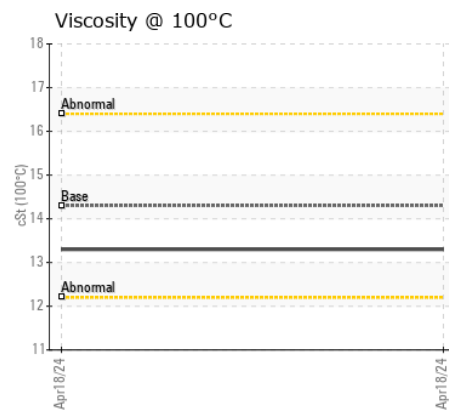
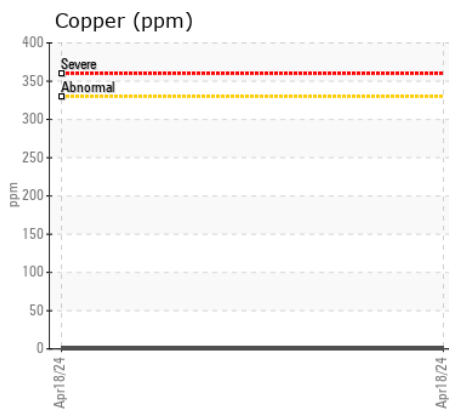
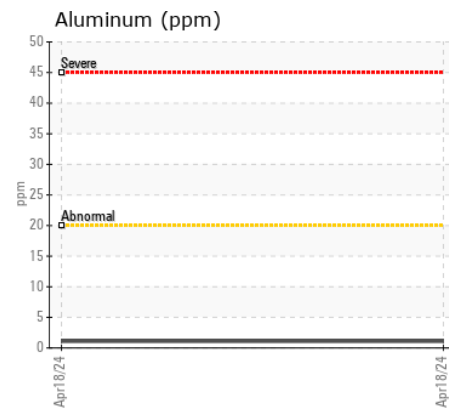
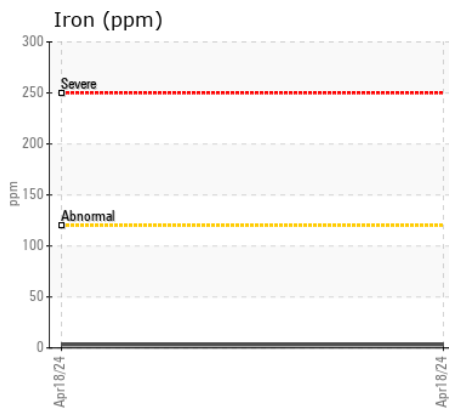
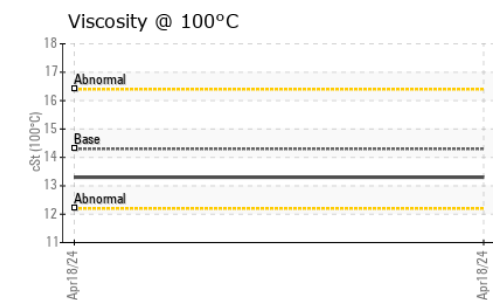
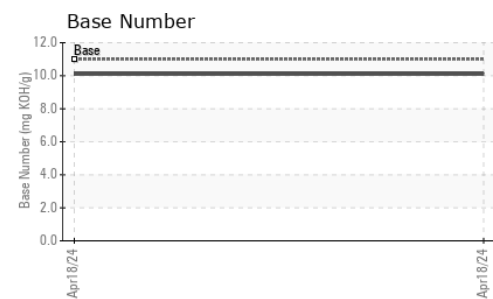
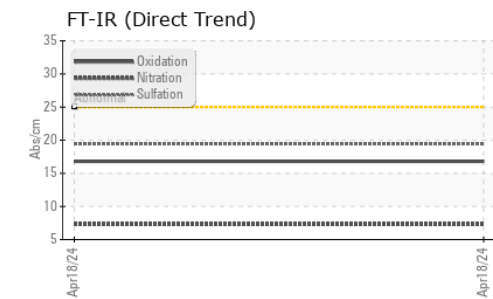
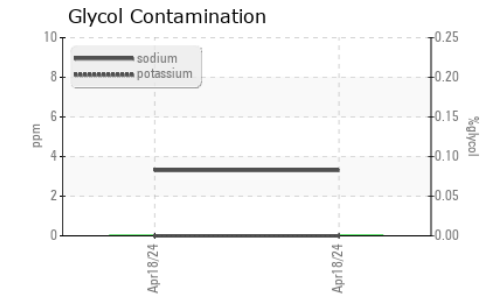
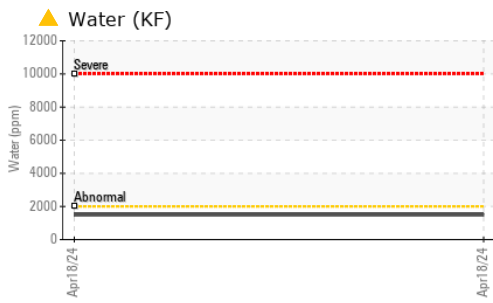
Il y a une trace d'humidité dans l'huile. Le test de glycol est négatif.

Silicon	ppm	ASTM D5185(m)	>25	3	---	---
Potassium	ppm	ASTM D5185(m)	>20	0	---	---
Fuel		WC Method	>3.0	<1.0	---	---
Water	%	ASTM D6304*	>0.2	▲ 0.149	---	---
ppm Water	ppm	ASTM D6304*	>2000	▲ 1493	---	---
Glycol	%	ASTM D7922*		0.0	---	---
Soot %	%	ASTM D7844*	>4	0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	7.3	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.4	---	---
Emulsified Water	scalar	Visual*	>0.2	▲ .2%	---	---

FLUID CONDITION

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile.

Sodium	ppm	ASTM D5185(m)		3	---	---
Boron	ppm	ASTM D5185(m)	65	40	---	---
Barium	ppm	ASTM D5185(m)	0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	65	52	---	---
Manganese	ppm	ASTM D5185(m)	0	0	---	---
Magnesium	ppm	ASTM D5185(m)	1160	956	---	---
Calcium	ppm	ASTM D5185(m)	820	809	---	---
Phosphorus	ppm	ASTM D5185(m)	1160	902	---	---
Zinc	ppm	ASTM D5185(m)	1260	1065	---	---
Sulfur	ppm	ASTM D5185(m)	3000	2496	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	16.8	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*	11.0	10.10	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	95.1	81.2	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.3	13.3	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	169	166	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0020561
Lab Number : 02630910
Unique Number : 5772063
Test Package : MOB 2 (Additional Tests: Glycol, KF, KV40, VI)

CONSTRUCTION ET PAVAGE PORTNEUF INC
 599 BOUL DUSSAULT
 ST-MARC-DES-CARRIERES, QC
 CA G0A 4B0
 Contact: S Lefebvre
 s.lefebvre@coppinc.ca
 T: (418)284-3939
 F:

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.