

Machine Id
TEREX-FINLAY 22-51
Component
Diesel Engine
Fluid
PETRO CANADA DURON UHP 5W40 (--- GAL)

RECOMMENDATION

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		PC0074246	---	---
Sample Date		Client Info		05 Mar 2024	---	---
Machine Age	hrs	Client Info		1665	---	---
Oil Age	hrs	Client Info		215	---	---
Filter Age	hrs	Client Info		215	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	8	---	---
Chromium	ppm	ASTM D5185(m)	>20	<1	---	---
Nickel	ppm	ASTM D5185(m)	>4	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>3	0	---	---
Aluminum	ppm	ASTM D5185(m)	>20	3	---	---
Lead	ppm	ASTM D5185(m)	>40	1	---	---
Copper	ppm	ASTM D5185(m)	>330	9	---	---
Tin	ppm	ASTM D5185(m)	>15	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

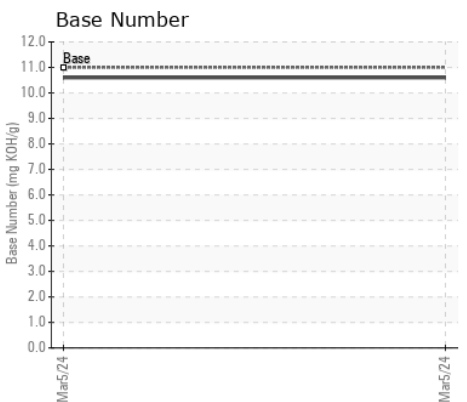
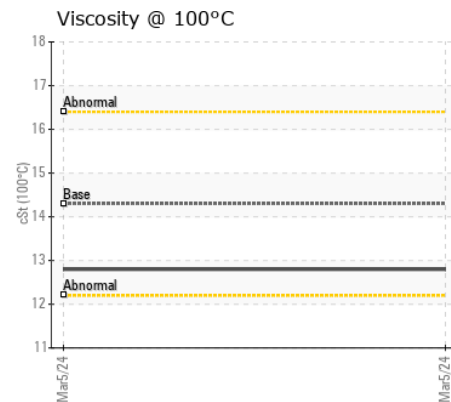
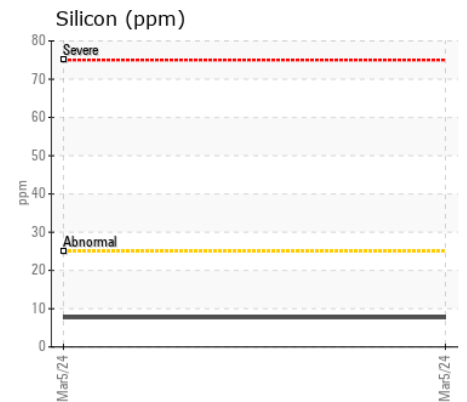
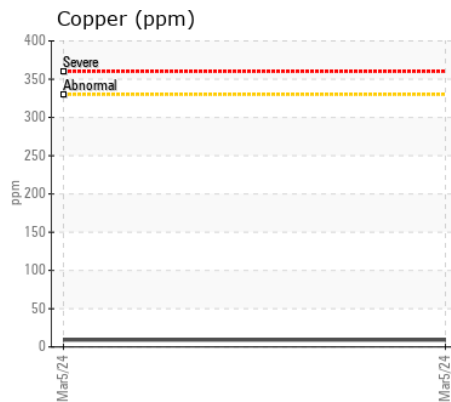
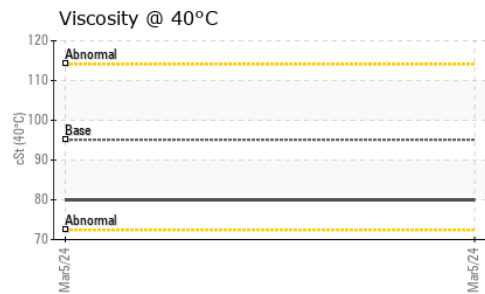
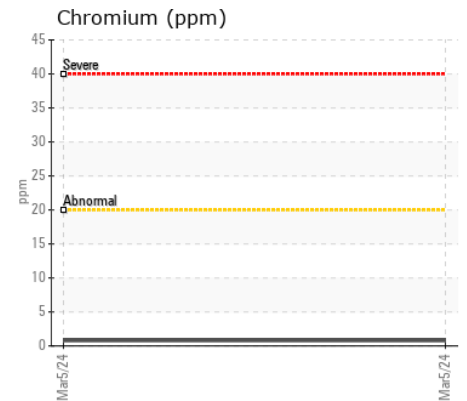
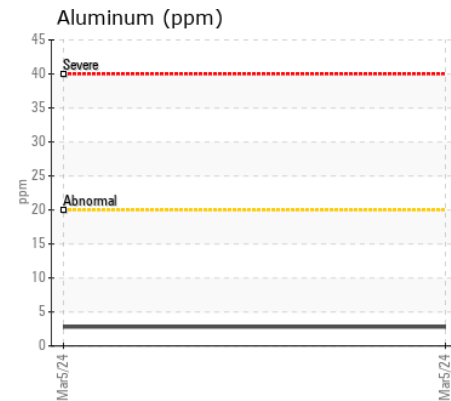
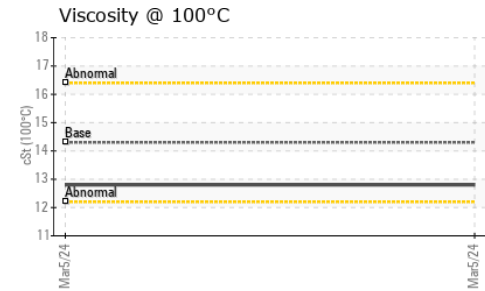
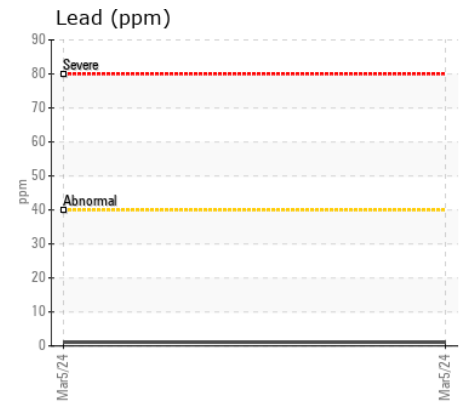
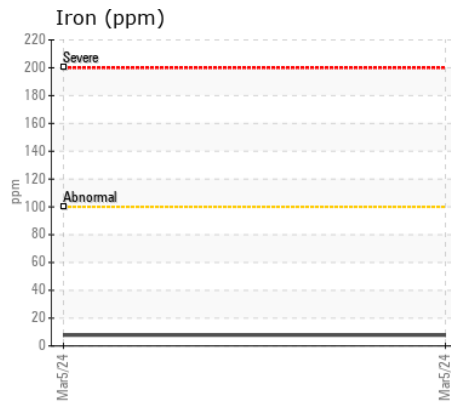
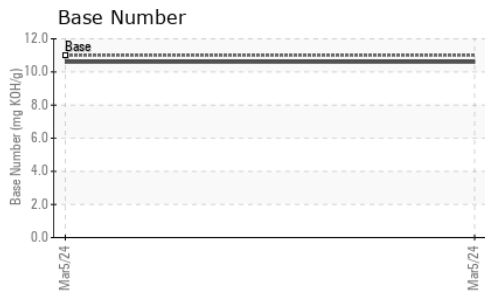
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	8	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---
Fuel		WC Method	>5	<1.0	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	ASTM D7844*	>3	0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	8.9	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.1	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---

FLUID CONDITION

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)		4	---	---
Boron	ppm	ASTM D5185(m)	65	36	---	---
Barium	ppm	ASTM D5185(m)	0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	65	56	---	---
Manganese	ppm	ASTM D5185(m)	0	0	---	---
Magnesium	ppm	ASTM D5185(m)	1160	1062	---	---
Calcium	ppm	ASTM D5185(m)	820	852	---	---
Phosphorus	ppm	ASTM D5185(m)	1160	980	---	---
Zinc	ppm	ASTM D5185(m)	1260	1130	---	---
Sulfur	ppm	ASTM D5185(m)	3000	2837	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	18.7	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*	11.0	10.60	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	95.1	80.0	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.3	12.8	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	169	159	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0074246 **Received** : 08 Mar 2024
Lab Number : **02620732** **Tested** : 11 Mar 2024
Unique Number : 5737842 **Diagnosed** : 11 Mar 2024 - Wes Davis
Test Package : MOB 2 (Additional Tests: KV40, VI)

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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