



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
KENWORTH 2123
 Component
Diesel Engine
 Fluid
APRIL SUPERFLO SUPERPRO RXL SYN 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		ASF000386	ASF0748099	---
Sample Date		Client Info		29 Apr 2024	16 Jun 2023	---
Machine Age	hrs	Client Info		2274	1333	---
Oil Age	hrs	Client Info		465	440	---
Filter Age	hrs	Client Info		0	440	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	16	15	---
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)	>3	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>20	6	8	---
Lead	ppm	ASTM D5185(m)	>40	<1	2	---
Copper	ppm	ASTM D5185(m)	>330	2	2	---
Tin	ppm	ASTM D5185(m)	>15	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

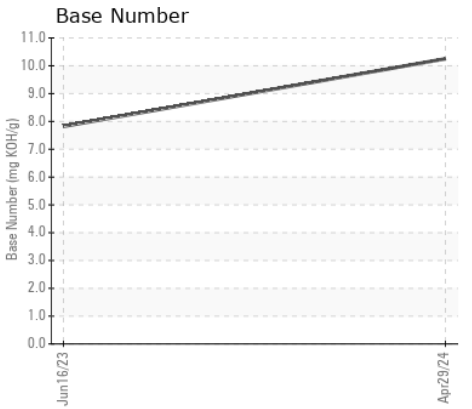
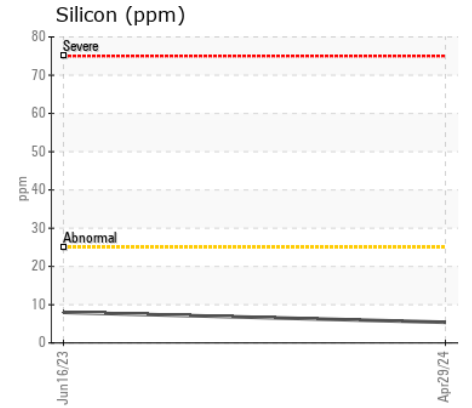
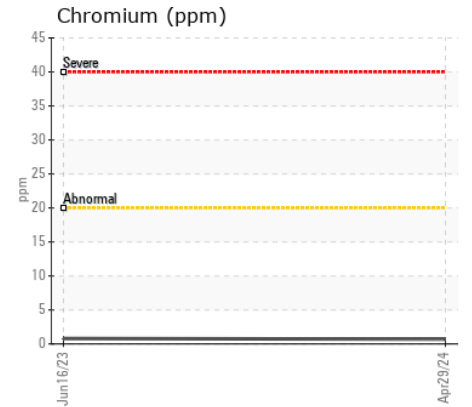
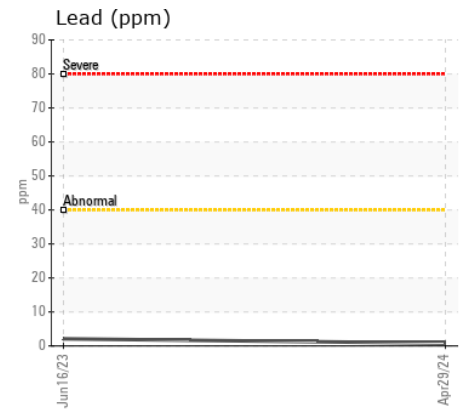
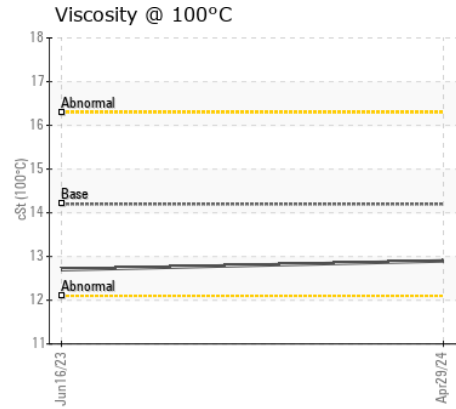
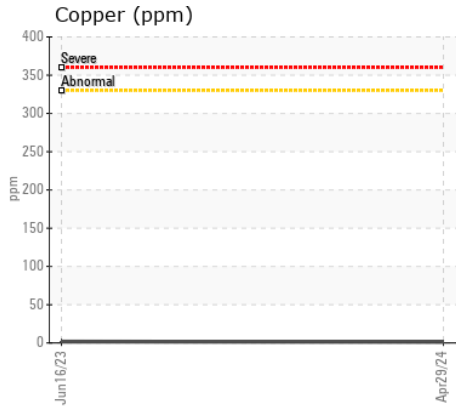
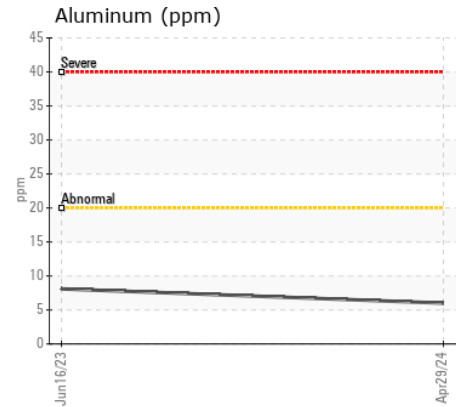
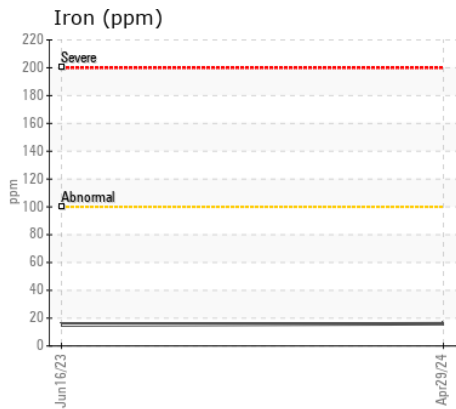
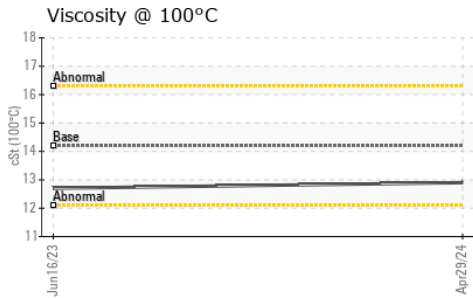
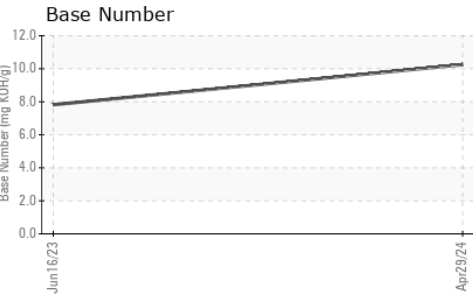
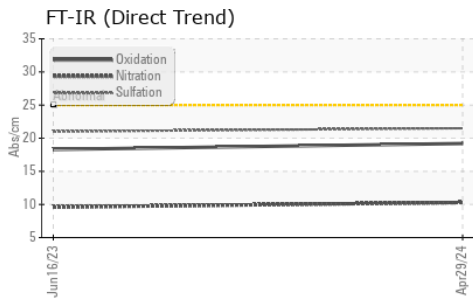
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	5	8	---
Potassium	ppm	ASTM D5185(m)	>20	23	27	---
Fuel		WC Method	>5	<1.0	<1.0	---
Water		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	ASTM D7844*	>3	0.2	0.1	---
Nitration	Abs/cm	ASTM D7624*	>20	10.3	9.6	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	21.5	21.0	---
Emulsified Water	scalar	Visual*	>0.2	NEG	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)		6	4	---
Boron	ppm	ASTM D5185(m)		34	29	---
Barium	ppm	ASTM D5185(m)		0	0	---
Molybdenum	ppm	ASTM D5185(m)		63	60	---
Manganese	ppm	ASTM D5185(m)		<1	<1	---
Magnesium	ppm	ASTM D5185(m)		1141	1079	---
Calcium	ppm	ASTM D5185(m)		896	893	---
Phosphorus	ppm	ASTM D5185(m)		1023	1097	---
Zinc	ppm	ASTM D5185(m)		1223	1183	---
Sulfur	ppm	ASTM D5185(m)		2738	2767	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	19.2	18.3	---
Base Number (BN)	mg KOH/g	ASTM D2896*		10.25	7.82	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.2	12.9	12.7	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : ASF0000386 **Received** : 03 May 2024
Lab Number : 02633042 **Tested** : 06 May 2024
Unique Number : 5774195 **Diagnosed** : 06 May 2024 - Wes Davis
Test Package : MOB 2

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.

April Super Flo
 9 rue Beland
 L'Isle-Verte, QC
 CA G0L 1K0
 Contact: Michel Jalbert
 mjalbert@aprilsuperflo.com
 T:
 F: (418)898-2192