



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
KENWORTH 21-20
 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		ASF0000448	ASF0000439	ASF0000379
Sample Date		Client Info		10 Jun 2024	20 Mar 2024	30 Nov 2023
Machine Age	hrs	Client Info		8609	8148	7499
Oil Age	hrs	Client Info		461	649	455
Filter Age	hrs	Client Info		461	649	0
Oil Changed		Client Info		Changed	Changed	N/A
Filter Changed		Client Info		Changed	Changed	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>90	18	18	13
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	0	0	<1
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>20	2	2	2
Lead	ppm	ASTM D5185(m)	>40	<1	2	2
Copper	ppm	ASTM D5185(m)	>330	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

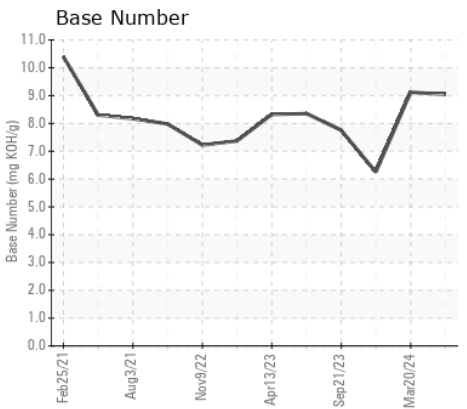
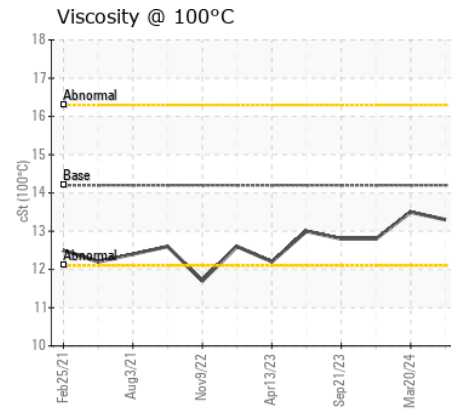
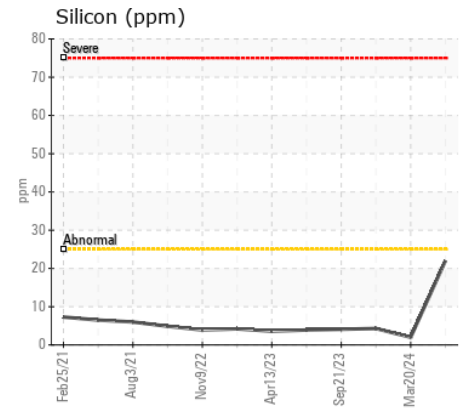
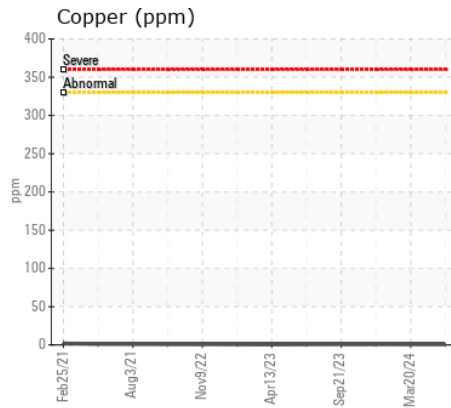
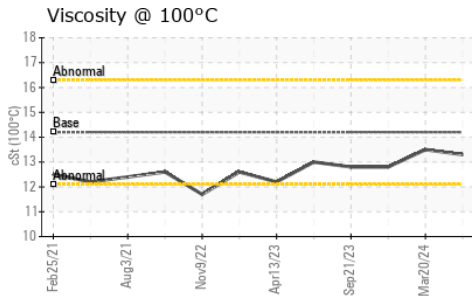
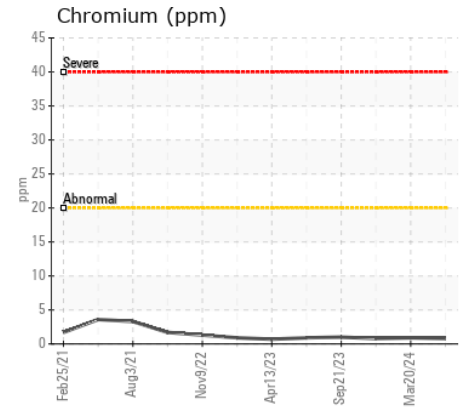
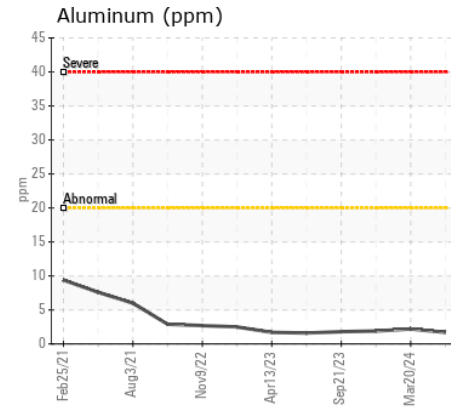
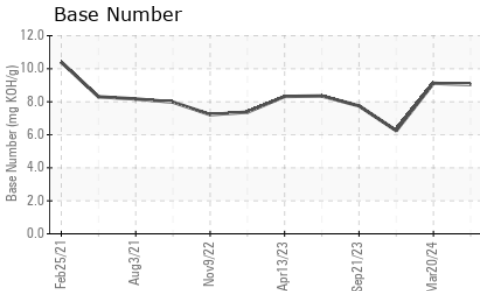
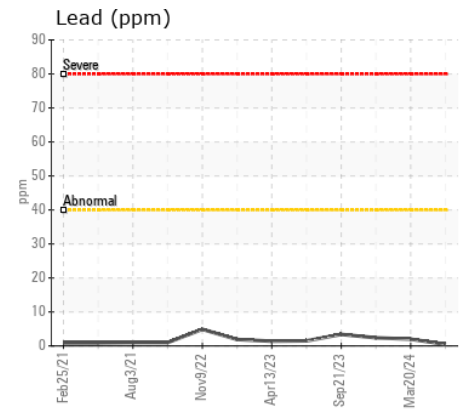
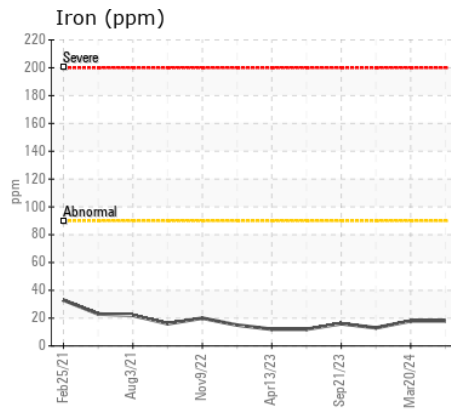
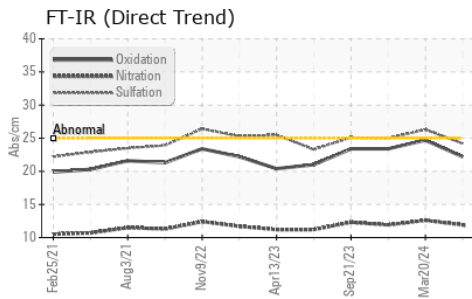
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	22	2	4
Potassium	ppm	ASTM D5185(m)	>20	<1	1	0
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>6	0.3	0.4	0.3
Nitration	Abs/cm	ASTM D7624*	>20	11.9	12.6	11.9
Sulfation	Abs/.1mm	ASTM D7415*	>30	24.2	26.3	25.0
Emulsified Water	scalar	Visual*	>0.2	NEG	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)		5	5	5
Boron	ppm	ASTM D5185(m)		25	23	23
Barium	ppm	ASTM D5185(m)		0	0	<1
Molybdenum	ppm	ASTM D5185(m)		64	66	65
Manganese	ppm	ASTM D5185(m)		<1	0	0
Magnesium	ppm	ASTM D5185(m)		1090	1222	1151
Calcium	ppm	ASTM D5185(m)		1003	958	946
Phosphorus	ppm	ASTM D5185(m)		1049	1083	1035
Zinc	ppm	ASTM D5185(m)		1250	1335	1275
Sulfur	ppm	ASTM D5185(m)		2732	2782	2760
Oxidation	Abs/.1mm	ASTM D7414*	>25	22.2	24.7	23.4
Base Number (BN)	mg KOH/g	ASTM D2896*		9.04	9.12	6.25
Visc @ 100°C	cSt	ASTM D7279(m)	14.2	13.3	13.5	12.8



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : ASF0000448 **Received** : 13 Jun 2024
Lab Number : 02641655 **Tested** : 14 Jun 2024
Unique Number : 5799194 **Diagnosed** : 14 Jun 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.

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