



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
KENWORTH 20-21
 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		ASF0000449	ASF0000339	ASF0000335
Sample Date		Client Info		06 Jun 2024	19 Jan 2024	03 Nov 2023
Machine Age	hrs	Client Info		8478	7545	7090
Oil Age	hrs	Client Info		481	455	460
Filter Age	hrs	Client Info		0	455	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	12	13	9
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>3	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>20	2	3	2
Lead	ppm	ASTM D5185(m)	>40	<1	<1	1
Copper	ppm	ASTM D5185(m)	>330	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

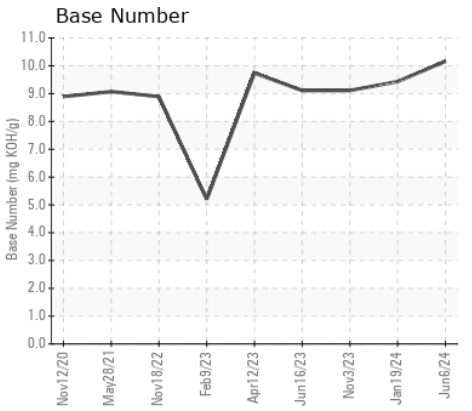
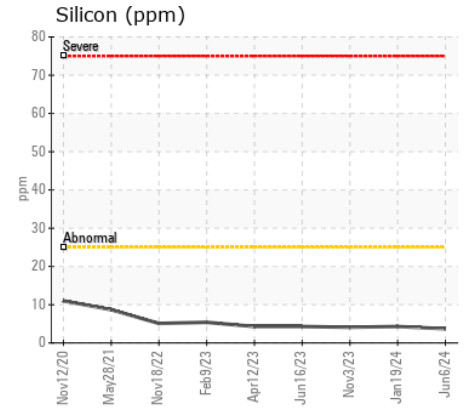
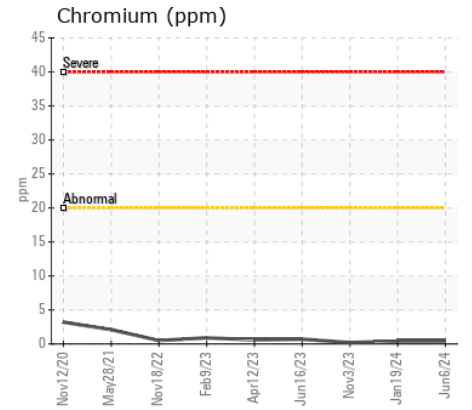
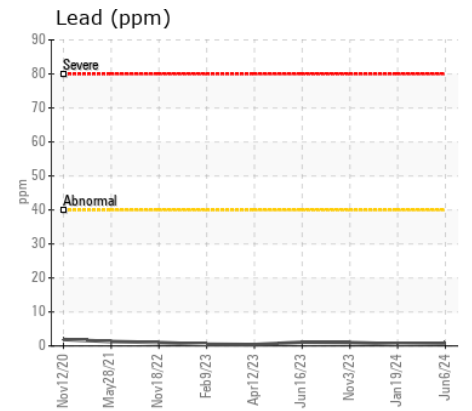
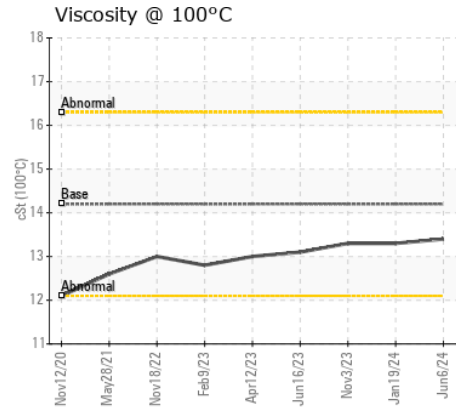
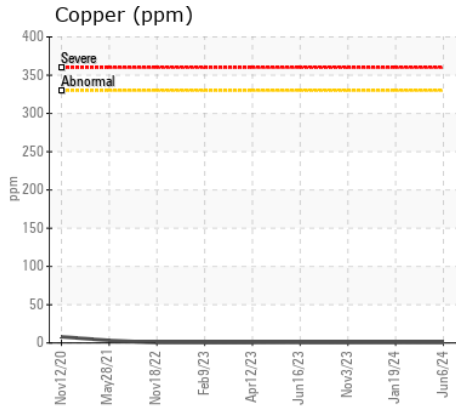
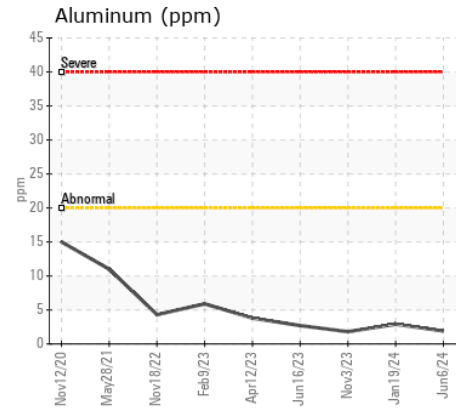
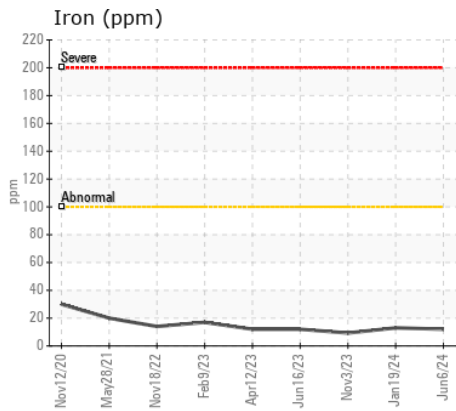
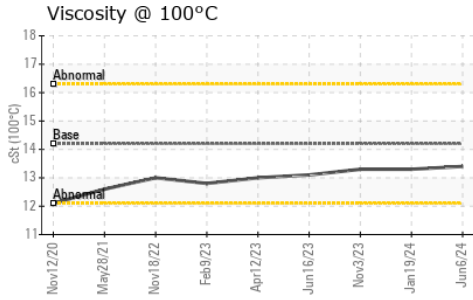
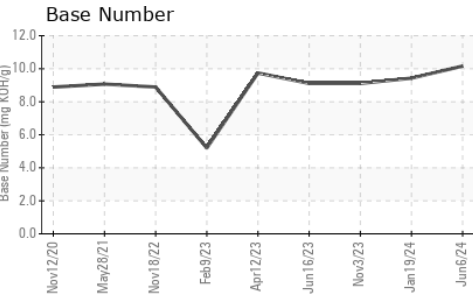
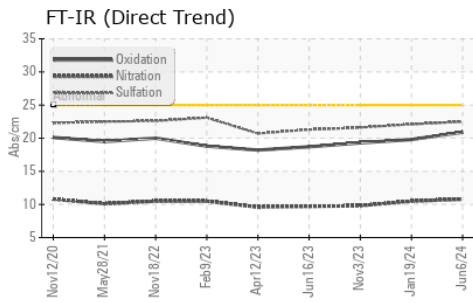
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	4	4	4
Potassium	ppm	ASTM D5185(m)	>20	2	4	<1
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>3	0.3	0.2	0.2
Nitration	Abs/cm	ASTM D7624*	>20	10.8	10.5	9.8
Sulfation	Abs/.1mm	ASTM D7415*	>30	22.5	22.1	21.6
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	4	4
Boron	ppm	ASTM D5185(m)		22	28	25
Barium	ppm	ASTM D5185(m)		0	0	<1
Molybdenum	ppm	ASTM D5185(m)		62	62	60
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)		1155	1121	1105
Calcium	ppm	ASTM D5185(m)		857	892	853
Phosphorus	ppm	ASTM D5185(m)		1018	1043	1020
Zinc	ppm	ASTM D5185(m)		1248	1220	1213
Sulfur	ppm	ASTM D5185(m)		2742	2962	2744
Oxidation	Abs/.1mm	ASTM D7414*	>25	20.9	19.8	19.3
Base Number (BN)	mg KOH/g	ASTM D2896*		10.16	9.43	9.11
Visc @ 100°C	cSt	ASTM D7279(m)	14.2	13.4	13.3	13.3



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : ASF0000449 **Received** : 13 Jun 2024
Lab Number : 02641656 **Tested** : 14 Jun 2024
Unique Number : 5799195 **Diagnosed** : 14 Jun 2024 - Wes Davis
Test Package : MOB 2

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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.