



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
KIOTI VW7000041
Component
Diesel Engine
Fluid
SAE 10W30 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		KT0000800	---	---
Sample Date		Client Info		04 Mar 2024	---	---
Machine Age	hrs	Client Info		1064	---	---
Oil Age	hrs	Client Info		90	---	---
Filter Age	hrs	Client Info		90	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>100	30	---	---
Chromium	ppm	ASTM D5185(m)	>20	0	---	---
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	6	---	---
Lead	ppm	ASTM D5185(m)	>40	4	---	---
Copper	ppm	ASTM D5185(m)	>330	9	---	---
Tin	ppm	ASTM D5185(m)	>15	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	VLITE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

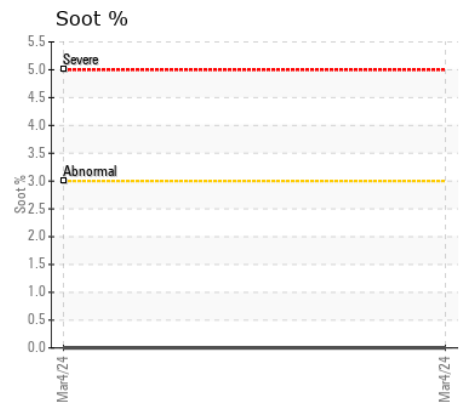
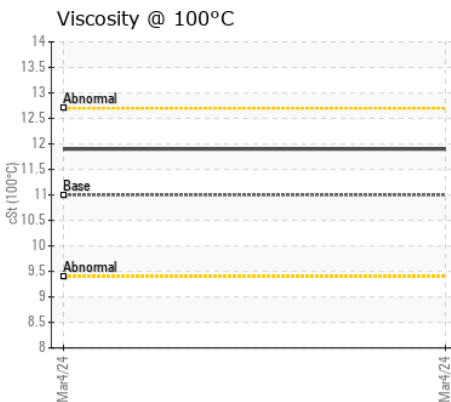
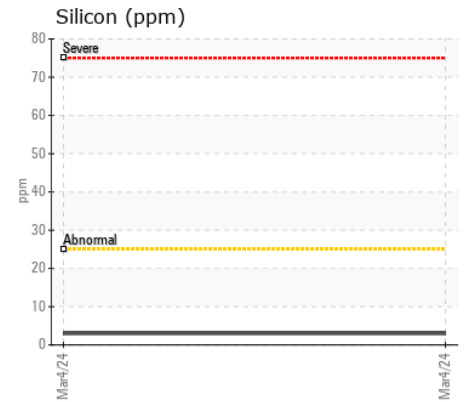
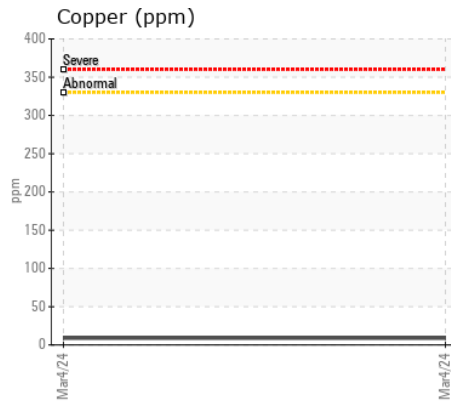
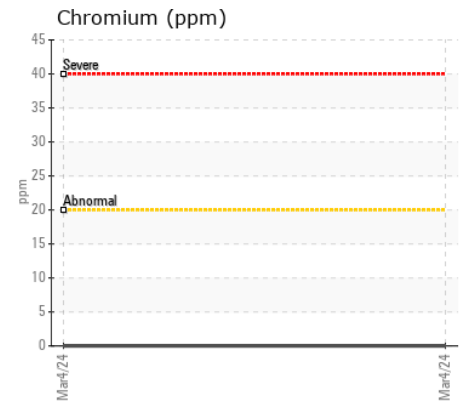
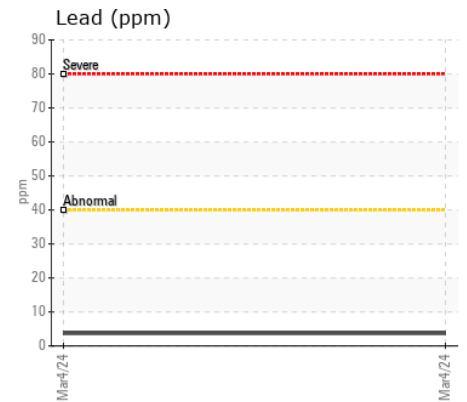
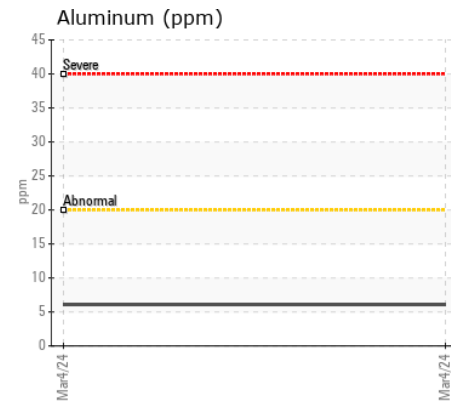
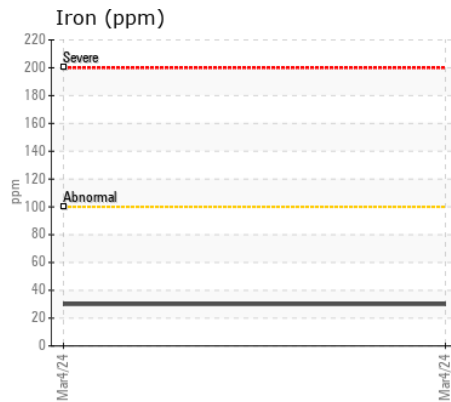
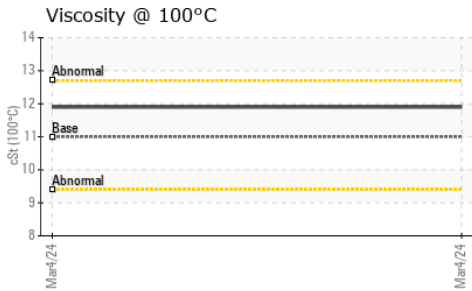
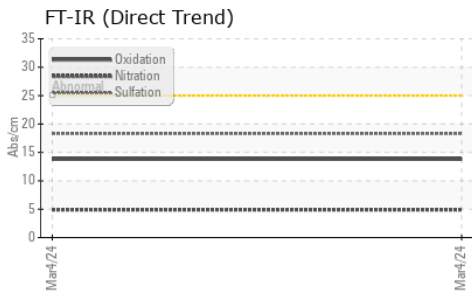
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	3	---	---
Potassium	ppm	ASTM D5185(m)	>20	0	---	---
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	4.9	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.3	---	---
Silt	scalar	Visual*	NONE	VLITE	---	---
Debris	scalar	Visual*	NONE	VLITE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)	>228	<1	---	---
Boron	ppm	ASTM D5185(m)		6	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		58	---	---
Manganese	ppm	ASTM D5185(m)		0	---	---
Magnesium	ppm	ASTM D5185(m)		918	---	---
Calcium	ppm	ASTM D5185(m)		1073	---	---
Phosphorus	ppm	ASTM D5185(m)		995	---	---
Zinc	ppm	ASTM D5185(m)		1147	---	---
Sulfur	ppm	ASTM D5185(m)		2608	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	13.8	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	11.0	11.9	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : KT0000800 **Received** : 08 Apr 2024
Lab Number : 02627291 **Tested** : 08 Apr 2024
Unique Number : 5760423 **Diagnosed** : 08 Apr 2024 - Wes Davis
Test Package : MOB 1 (Additional Tests: Visual)

GG Hache et Freres Ltee
 4002 Boulevard des Fondateurs
 Saint-Isidore, NB
 CA E8M 1E8
 Contact: Charles Le Bouthillier
 charles_le_bouthillier@hotmail.com
 T: (506)358-2203
 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.