



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
QC005
Component
Diesel Engine
Fluid
{not provided} (--- GAL)

RECOMMENDATION

This is a baseline read-out on the submitted sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC712371	WC712371	WC712371
Sample Date		Client Info		05 Feb 2008	04 Feb 2008	03 Feb 2008
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

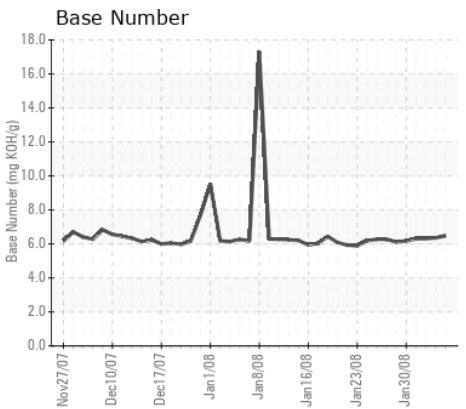
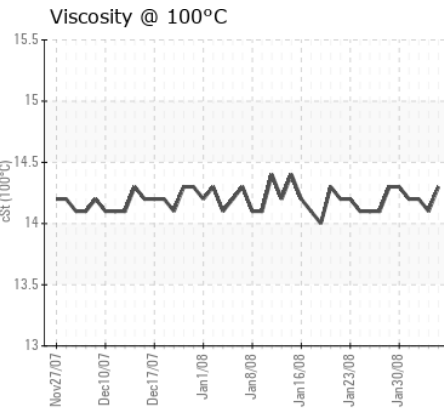
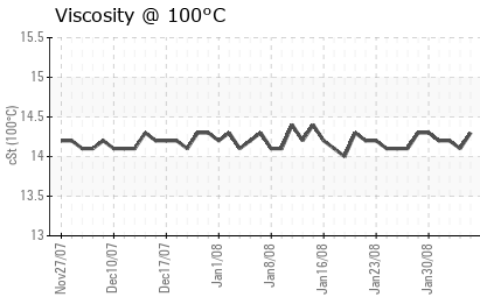
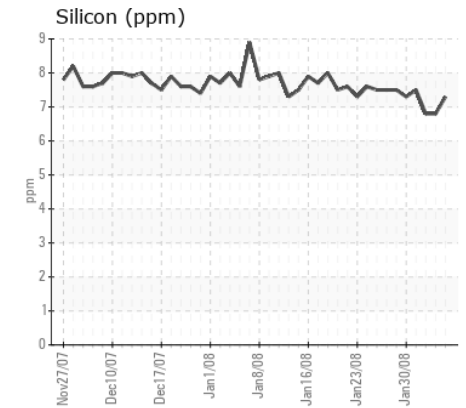
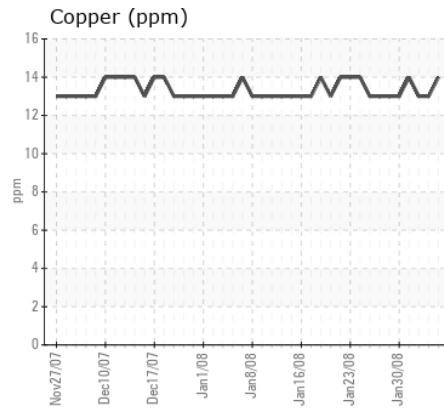
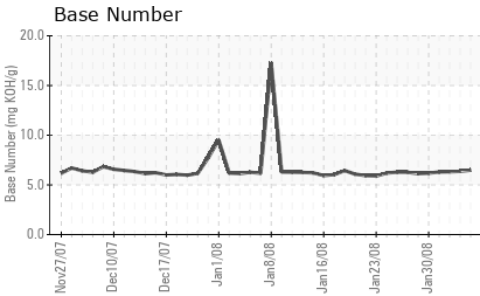
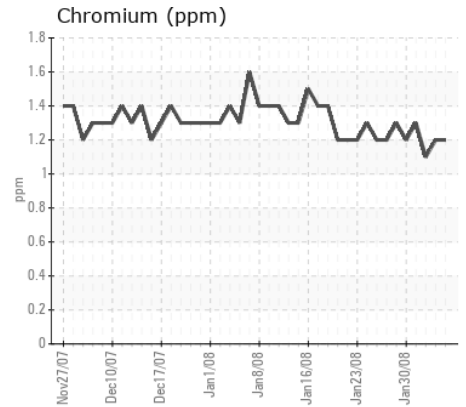
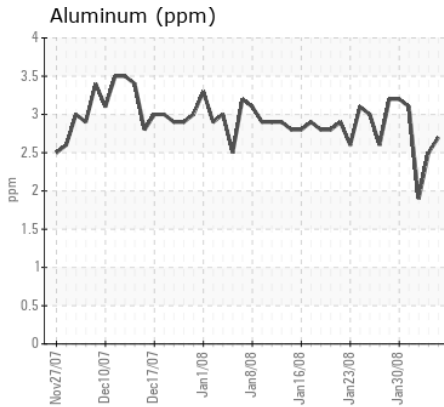
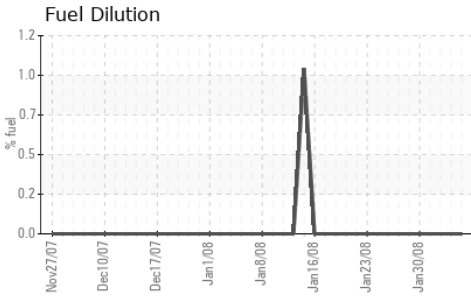
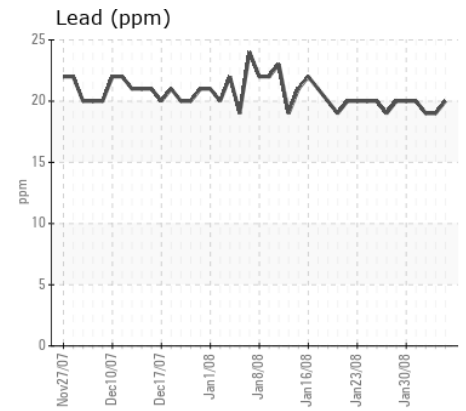
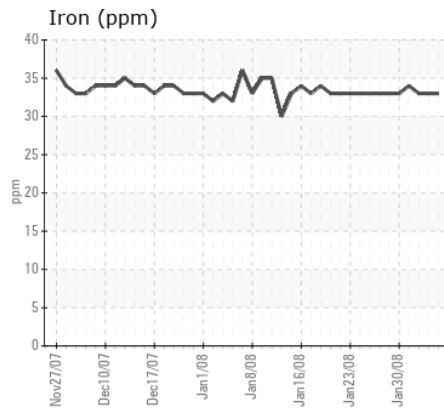
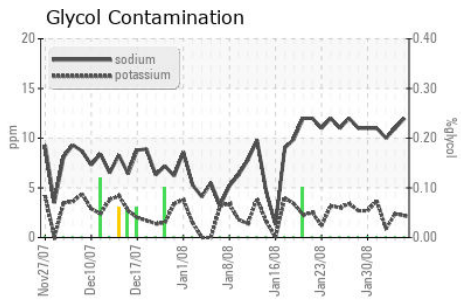
Iron	ppm	ASTM D5185(m)		33	33	33
Chromium	ppm	ASTM D5185(m)		1	1	1
Nickel	ppm	ASTM D5185(m)		0	0	0
Titanium	ppm	ASTM D5185(m)		<1	<1	<1
Silver	ppm	ASTM D5185(m)		<1	0	0
Aluminum	ppm	ASTM D5185(m)		3	2	2
Lead	ppm	ASTM D5185(m)		20	19	19
Copper	ppm	ASTM D5185(m)		14	13	13
Tin	ppm	ASTM D5185(m)		0	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

Silicon	ppm	ASTM D5185(m)		7	7	7
Potassium	ppm	ASTM D5185(m)		2	2	<1
Fuel	%	ASTM D7593*		0.0	0.0	0.0
Water		WC Method		NEG	NEG	NEG
Glycol	%	ASTM D7922*		0.0	0.0	0.0
Soot %	%	ASTM D7844*		0.6	0.6	0.6
Nitration	Abs/cm	ASTM D7624*		8	8	7
Sulfation	Abs/.1mm	ASTM D7415*		20	20	20
Emulsified Water	scalar	Visual*		NEG	NEG	NEG

FLUID CONDITION

Sodium	ppm	ASTM D5185(m)		12	11	10
Boron	ppm	ASTM D5185(m)		24	24	23
Barium	ppm	ASTM D5185(m)		7	7	7
Molybdenum	ppm	ASTM D5185(m)		13	13	12
Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Magnesium	ppm	ASTM D5185(m)		44	41	39
Calcium	ppm	ASTM D5185(m)		2989	2905	2891
Phosphorus	ppm	ASTM D5185(m)		1074	1076	1031
Zinc	ppm	ASTM D5185(m)		1276	1237	1243
Sulfur	ppm	ASTM D5185(m)		3654	3585	3515
Oxidation	Abs/.1mm	ASTM D7414*		14	14	14
Base Number (BN)	mg KOH/g	ASTM D2896*		6.48	6.36	6.32
Visc @ 100°C	cSt	ASTM D7279(m)		14.3	14.1	14.2



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC712371 **Received** : 06 Feb 2008
Lab Number : **01441363** **Tested** : 07 Feb 2008
Unique Number : 2604139 **Diagnosed** :
Test Package : MOB 2 (Additional Tests: FuelDilution, Glycol, PercentFuel)

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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.