



# CONSTRUCTION EQUIPMENT

## 518 VOLVO L120E 64854 - TRANSMISSION



**Sample No:** VC394930  
**Oil Type:** PETRO CANADA ATF DEXRON III/MERCON  
**Job No:** 518



### SAMPLE INFORMATION

Sample Number	<b>VC394930</b>	VC345403	VC341042	VC355619
Sample Date	<b>13 Mar 2009</b>	02 Feb 2009	30 Jul 2008	14 Feb 2008
Machine Hours	<b>6652</b>	6186	5151	4061
Oil Hours	<b>1501</b>	1035	1818	728
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**VILLE DE THETFORD**  
 144 RUE NOTRE DAME SUD  
 THETFORD, QC  
 CA G8G 5T3  
 Contact: Andre Arevin

### OIL CONDITION

Visc @ 40°C	cSt	<b>25.4</b>	25.8	23.5	25.5
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T: (418)335-2981  
 F: (418)338-9139

### CONTAMINATION

Silicon	ppm	<b>2</b>	2	4	4
Sodium	ppm	<b>3</b>	2	4	3
Potassium	ppm	<b>&lt;1</b>	0	0	<1

**Diagnosis**  
 Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

### WEAR METALS

Iron	ppm	<b>8</b>	6	13	6
Copper	ppm	<b>5</b>	4	20	17
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>&lt;1</b>	<1	1	1
Chromium	ppm	<b>0</b>	0	<1	0
Molybdenum	ppm	<b>2</b>	2	9	9
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0

### ADDITIVES

Calcium	ppm	<b>137</b>	136	259	265
Magnesium	ppm	<b>&lt;1</b>	<1	1	2
Zinc	ppm	<b>43</b>	42	118	118
Phosphorus	ppm	<b>260</b>	269	355	360
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>102</b>	103	165	111

**Depot:** VILTHE  
**Unique No:** 2872972  
**Signed:**  
**Report Date:** 26 Mar 2009



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## GRAPHS

