



# CONSTRUCTION EQUIPMENT

## 518 VOLVO L120E 64854 - REAR AXLE



**Sample No:** VC394928  
**Oil Type:** TEXACO TDH OIL  
**Job No:** 518



### SAMPLE INFORMATION

Sample Number	<b>VC394928</b>	VC341054	VC341045	VC355622
Sample Date	<b>13 Mar 2009</b>	02 Feb 2009	31 Jul 2008	14 Feb 2008
Machine Hours	<b>6652</b>	6186	5151	4061
Oil Hours	<b>466</b>	1035	1090	874
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	ABNORMAL	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>50.2</b>	19.4	41.4	33.8
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T: (418)335-2981  
 F: (418)338-9139



### CONTAMINATION

Silicon	ppm	<b>7</b>	19	16	15
Sodium	ppm	<b>&lt;1</b>	1	<1	2
Potassium	ppm	<b>0</b>	0	0	0

**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>12</b>	40	32	21
Copper	ppm	<b>&lt;1</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	<1	<1
Chromium	ppm	<b>&lt;1</b>	1	<1	<1
Molybdenum	ppm	<b>1</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>&lt;1</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	1	<1	<1
Vanadium	ppm	<b>&lt;1</b>	<1	<1	0



### ADDITIVES

Calcium	ppm	<b>3520</b>	3380	3572	3510
Magnesium	ppm	<b>9</b>	14	11	8
Zinc	ppm	<b>1318</b>	1404	1486	1509
Phosphorus	ppm	<b>1070</b>	1119	1192	1202
Barium	ppm	<b>&lt;1</b>	<1	0	0
Boron	ppm	<b>7</b>	102	107	99

**Depot:** VILTHE  
**Unique No:** 2872999  
**Signed:**  
**Report Date:** 26 Mar 2009



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## GRAPHS

