



CONSTRUCTION EQUIPMENT

518 VOLVO L120E 64854 - REAR LEFT FINAL DRIVE



Sample No: VC394923
Oil Type: TEXACO TDH OIL
Job No: 518



SAMPLE INFORMATION

Sample Number	VC394923	VC341058	VC341048	VC355625
Sample Date	13 Mar 2009	02 Feb 2009	31 Jul 2008	14 Feb 2008
Machine Hours	6652	6186	5151	4061
Oil Hours	466	1035	1090	874
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	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	48.1	20.9	40.8	33.0
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T: (418)335-2981
 F: (418)338-9139



CONTAMINATION

Silicon	ppm	7	18	16	15
Sodium	ppm	<1	<1	<1	2
Potassium	ppm	0	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	12	39	32	21
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	1	<1
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	1	<1	<1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	<1
Vanadium	ppm	<1	<1	<1	0



ADDITIVES

Calcium	ppm	3522	3372	3620	3515
Magnesium	ppm	9	14	11	9
Zinc	ppm	1318	1401	1535	1518
Phosphorus	ppm	1070	1115	1208	1210
Barium	ppm	<1	<1	0	0
Boron	ppm	7	100	108	100

Depot: VILTHE
Unique No: 2873000
Signed:
Report Date: 26 Mar 2009

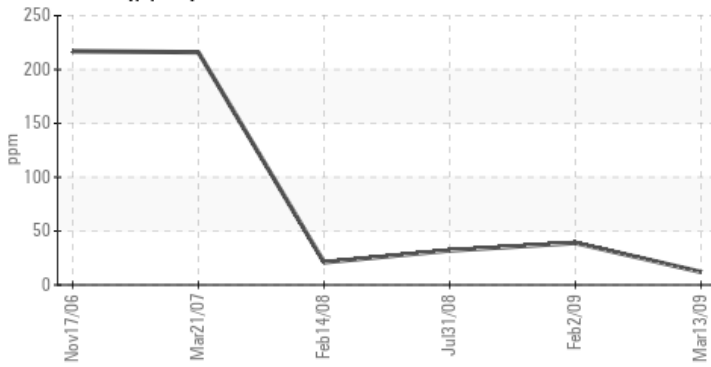


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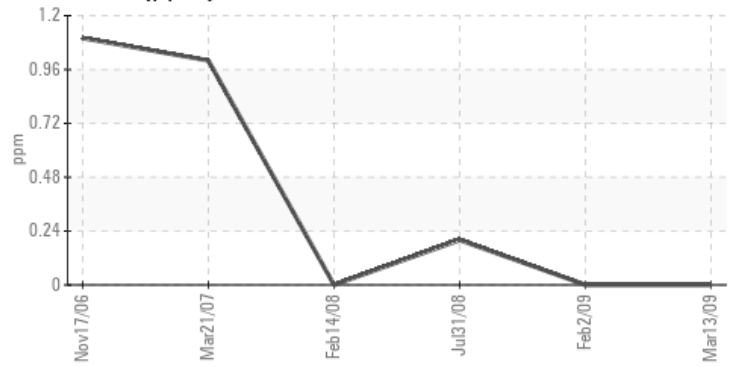


GRAPHS

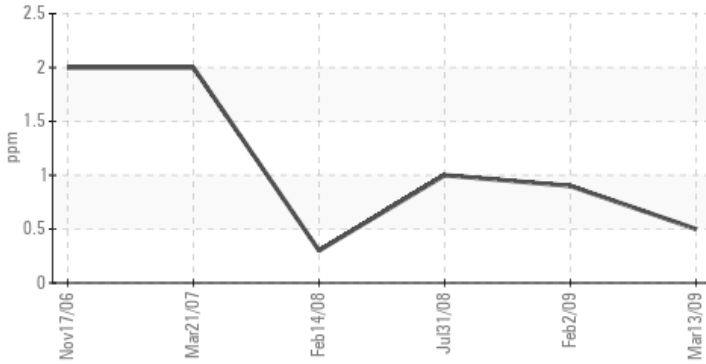
Iron (ppm)



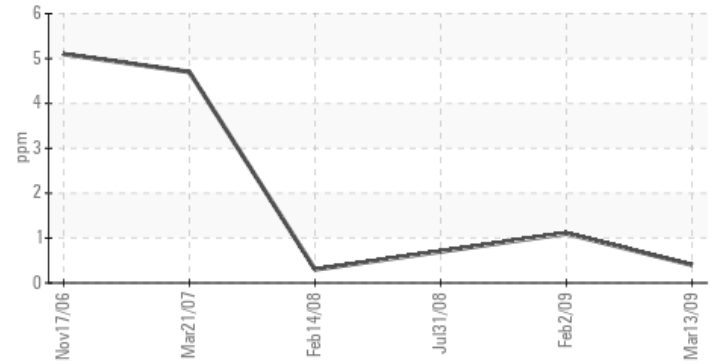
Lead (ppm)



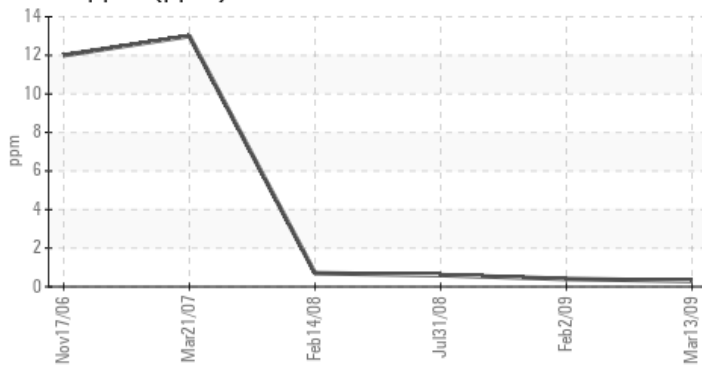
Aluminum (ppm)



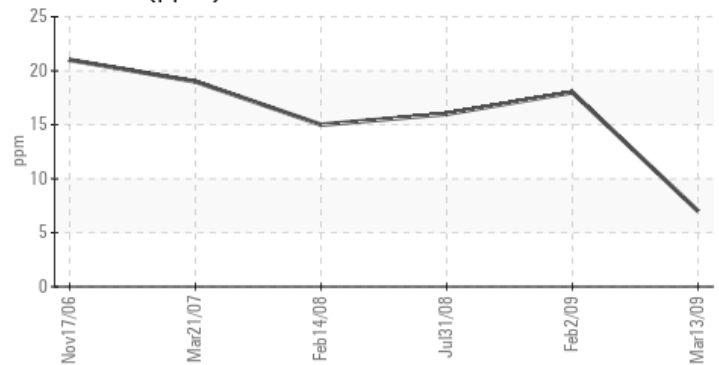
Chromium (ppm)



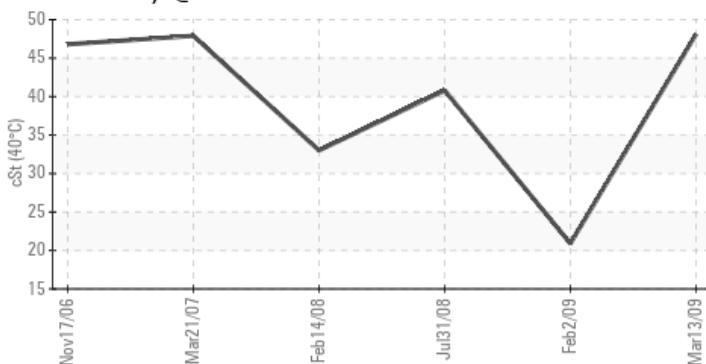
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

