



CONSTRUCTION EQUIPMENT

VOLVO 6838 - FRONT AXLE



Sample No: VCE095597
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCE095597	VCE65920	---	---
Sample Date	03 Jun 2016	04 Jun 2010	---	---
Machine Hours	13228	1226	---	---
Oil Hours	1300	0	---	---
Oil Changed	Not Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT

61 PROGRESS DRIVE
 ORILLIA, ON
 CA L3V 6H1
 Contact: Jim Hicks
 jhicks@strongco.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	48.1	55.6	---	---
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CONTAMINATION

Silicon	ppm	35	8	---	---
Sodium	ppm	5	<1	---	---
Potassium	ppm	2	0	---	---

Diagnosis

Resample at the next service interval to monitor. No other corrective action is recommended at this time. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	99	44	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	8	<1	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	<1	2	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	3119	3420	---	---
Magnesium	ppm	15	10	---	---
Zinc	ppm	1294	1277	---	---
Phosphorus	ppm	1093	1044	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	89	12	---	---

Depot: STRORI
Unique No: 4327296
Signed: Kevin Marson
Report Date: 09 Jun 2016



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GRAPHS

