



CONSTRUCTION EQUIPMENT

636308-01 VOLVO 6157 - FRONT AXLE



Sample No: VCE187701
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 636308-01



SAMPLE INFORMATION

Sample Number	VCE187701	VCP123028	VCP114054	---
Sample Date	19 Jun 2013	09 Dec 2011	21 Mar 2011	---
Machine Hours	8157	5932	5000	---
Oil Hours	0	0	1000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

RIDEAU BULK TERMINALS
 6960 4TH LINE ROAD,, OLD HWY 16
 KEMPTVILLE, ON
 CA K0G 1J0
 Contact: Mark Yelle
 myelle@rideaubulk.com
 T: (613)489-1440
 F: (613)489-1428

OIL CONDITION

Visc @ 40°C	cSt	41.6	54.3	53.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	11	15	13	---
Sodium	ppm	2	0	3	---
Potassium	ppm	<1	1	<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	28	62	91	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	<1	2	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	4023	3852	3744	---
Magnesium	ppm	13	14	14	---
Zinc	ppm	1706	1437	1575	---
Phosphorus	ppm	1380	1084	1301	---
Barium	ppm	<1	0	0	---
Boron	ppm	114	99	108	---

Depot: RIDNOR
Unique No: 3739276
Signed: Wes Davis
Report Date: 21 Jun 2013



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GRAPHS

