



CONSTRUCTION EQUIPMENT

383053 VOLVO G946B 578137 - REAR AXLE



Sample No: VCP380041
Oil Type: VOLVO WB 101
Job No: 383053



SAMPLE INFORMATION

Sample Number	VCP380041	VCP179830	---	---
Sample Date	06 Dec 2023	09 Feb 2017	---	---
Machine Hours	3000	1127	---	---
Oil Hours	3000	1127	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
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OIL CONDITION

Visc @ 40°C	cSt	48.0	54.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	6	---	---
Sodium	ppm	3	18	---	---
Potassium	ppm	<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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	48	63	---	---
Copper	ppm	7	12	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	0	1	---	---
Molybdenum	ppm	<1	8	---	---
Nickel	ppm	2	3	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3623	3556	---	---
Magnesium	ppm	8	11	---	---
Zinc	ppm	1469	1428	---	---
Phosphorus	ppm	1225	1168	---	---
Barium	ppm	<1	1	---	---
Boron	ppm	107	101	---	---

Depot: VOLVO9652
Unique No: 5694757
Signed: Wes Davis
Report Date: 07 Dec 2023



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VOLVO GRAPHS

