



CONSTRUCTION EQUIPMENT

716771 HILLSBOROUGH VOLVO EW160E 323446 - REAR AXLE



Sample No: VCP451457
Oil Type: VOLVO WB 102
Job No: 716771 HILLSBOROUGH



SAMPLE INFORMATION

Sample Number	VCP451457	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	8720	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 53.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 18	---	---	---
Potassium	ppm	█ <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	█ 19	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3288	---	---	---
Magnesium	ppm	█ 10	---	---	---
Zinc	ppm	█ 1327	---	---	---
Phosphorus	ppm	█ 1100	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 103	---	---	---

Depot: VOLVO0093
Unique No: 11087951
Signed: Wes Davis
Report Date: 20 Jun 2024



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GRAPHS

