



CONSTRUCTION EQUIPMENT

717192 HILLSBOROUGH VOLVO EW160E 323454 - FRONT AXLE



Sample No: VCP444103
Oil Type: VOLVO WB 102
Job No: 717192 HILLSBOROUGH



SAMPLE INFORMATION

Sample Number	VCP444103	VCP392586	---	---
Sample Date	28 May 2024	14 Feb 2023	---	---
Machine Hours	6198	4094	---	---
Oil Hours	1000	1500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	57.5	54.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	11	9	---	---
Sodium	ppm	17	14	---	---
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	38	19	---	---
Copper	ppm	4	2	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	8	6	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3535	3376	---	---
Magnesium	ppm	11	12	---	---
Zinc	ppm	1375	1319	---	---
Phosphorus	ppm	1127	1036	---	---
Barium	ppm	0	0	---	---
Boron	ppm	113	117	---	---

Depot: VOLVO0093
Unique No: 11087956
Signed: Wes Davis
Report Date: 20 Jun 2024



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GRAPHS

