



CONSTRUCTION EQUIPMENT

SPM567369 HERC VOLVO L90H 624951 - FRONT AXLE



Sample No: VCP425265
Oil Type: VOLVO WB 102
Job No: SPM567369 HERC



SAMPLE INFORMATION

Sample Number	VCP425265	---	---	---
Sample Date	22 Jun 2023	---	---	---
Machine Hours	2146	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 39.8	---	---	---
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CONTAMINATION

Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 2	---	---	---

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	■ 57	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 8	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 2978	---	---	---
Magnesium	ppm	■ 14	---	---	---
Zinc	ppm	■ 1237	---	---	---
Phosphorus	ppm	■ 971	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 92	---	---	---

Depot: VOLVO0093
Unique No: 10535191
Signed: Wes Davis
Report Date: 30 Jun 2023



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GRAPHS

