



CONSTRUCTION EQUIPMENT

619536 PRINCE VOLVO L90H 626545 - FRONT AXLE



Sample No: VCP440385
Oil Type: VOLVO WB 102
Job No: 619536 PRINCE



SAMPLE INFORMATION

Sample Number	VCP440385	VCP417677	---	---
Sample Date	20 Oct 2023	07 Jul 2023	---	---
Machine Hours	1583	988	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 40.5	█ 40.8	---	---
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CONTAMINATION

Silicon	ppm	█ 18	█ 14	---	---
Sodium	ppm	█ 11	█ 10	---	---
Potassium	ppm	█ <1	█ 0	---	---

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	█ 81	█ 61	---	---
Copper	ppm	█ <1	█ 0	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 1	█ 1	---	---
Chromium	ppm	█ 4	█ 3	---	---
Molybdenum	ppm	█ 17	█ 17	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 11	█ 8	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 3786	█ 3946	---	---
Magnesium	ppm	█ 12	█ 10	---	---
Zinc	ppm	█ 1586	█ 1651	---	---
Phosphorus	ppm	█ 1279	█ 1330	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 124	█ 131	---	---

Depot: VOLVO0096
Unique No: 10712174
Signed: Wes Davis
Report Date: 26 Oct 2023



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GRAPHS

