



CONSTRUCTION EQUIPMENT

VOLVO L90H 623589 - FRONT AXLE



Sample No: VCP416003
Oil Type: CHEVRON 1000 THF
Job No:



SAMPLE INFORMATION

Sample Number	VCP416003	---	---	---
Sample Date	31 Aug 2023	---	---	---
Machine Hours	13221	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 49.6	---	---	---
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CONTAMINATION

Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 0	---	---	---
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	█ 59	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 2703	---	---	---
Magnesium	ppm	█ 18	---	---	---
Zinc	ppm	█ 1195	---	---	---
Phosphorus	ppm	█ 968	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 29	---	---	---

Depot: VOLVO0088
Unique No: 10660015
Signed: Wes Davis
Report Date: 23 Sep 2023



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GRAPHS

