



CONSTRUCTION EQUIPMENT

VOLVO L120H 642340 - REAR AXLE



Sample No: VCP413416
Oil Type: TDH FLUID SAE 70W80
Job No:



SAMPLE INFORMATION

Sample Number	VCP413416	---	---	---
Sample Date	22 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 37.2	---	---	---
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CONTAMINATION

Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ 6	---	---	---
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	■ 181	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

Calcium	ppm	■ 2944	---	---	---
Magnesium	ppm	■ 6	---	---	---
Zinc	ppm	■ 1328	---	---	---
Phosphorus	ppm	■ 1224	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 97	---	---	---

Depot: AARBRO
Unique No: 10727737
Signed: Doug Bogart
Report Date: 07 Nov 2023



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GRAPHS

