



CONSTRUCTION EQUIPMENT

SW1025599 VOLVO L120H 633369 - FRONT AXLE



Sample No: VCP422703
Oil Type: VOLVO WB 102
Job No: SW1025599



SAMPLE INFORMATION

Sample Number	VCP422703	VCP417470	---	---
Sample Date	20 Oct 2023	22 Aug 2023	---	---
Machine Hours	1954	1436	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	44.3	42.0	---	---
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CONTAMINATION

Silicon	ppm	17	33	---	---
Sodium	ppm	3	4	---	---
Potassium	ppm	0	<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	102	296	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	4	---	---
Chromium	ppm	2	8	---	---
Molybdenum	ppm	4	13	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	13	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3446	4056	---	---
Magnesium	ppm	0	18	---	---
Zinc	ppm	1370	1600	---	---
Phosphorus	ppm	1091	1324	---	---
Barium	ppm	0	0	---	---
Boron	ppm	128	146	---	---

Depot: VOLVO6174
Unique No: 10714508
Signed: Wes Davis
Report Date: 30 Oct 2023



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GRAPHS

