



CONSTRUCTION EQUIPMENT

SW1022953 VOLVO L110H 631554 - TRANSMISSION (AUTO)



Sample No: VCP412422
Oil Type: VOLVO AT 102
Job No: SW1022953



SAMPLE INFORMATION

Sample Number	VCP412422	VCP410824	---	---
Sample Date	23 Aug 2023	08 Apr 2023	---	---
Machine Hours	6923	6643	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 34.8	■ 29.8	---	---
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CONTAMINATION

Silicon	ppm	■ 3	■ 2	---	---
Sodium	ppm	■ 2	■ 2	---	---
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	■ 16	■ 11	---	---
Copper	ppm	■ 7	■ 6	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 0	■ 0	---	---
Aluminum	ppm	■ 6	■ 2	---	---
Chromium	ppm	■ 0	■ 0	---	---
Molybdenum	ppm	■ 3	■ 2	---	---
Nickel	ppm	■ 0	■ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	■ 0	■ 0	---	---
Manganese	ppm	■ <1	■ 1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	■ 431	■ 138	---	---
Magnesium	ppm	■ 42	■ 19	---	---
Zinc	ppm	■ 258	■ 60	---	---
Phosphorus	ppm	■ 355	■ 235	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 70	■ 88	---	---

Depot: VOLVO6174
Unique No: 10622905
Signed: Don Baldrige
Report Date: 30 Aug 2023



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GRAPHS

