



CONSTRUCTION EQUIPMENT

1451 VOLVO L150H 7145 - REAR AXLE



Sample No: VCP428917
Oil Type: VOLVO WB 102
Job No: 1451



SAMPLE INFORMATION

Sample Number	VCP428917	---	---	---
Sample Date	12 Dec 2023	---	---	---
Machine Hours	962	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
 8594 FRUITRIDGE ROAD
 SACRAMENTO, CA
 US 95826
 Contact: RAY KRANZUSCH
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	■ 40.6	---	---	---
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CONTAMINATION

Water	%	▲ 0.256	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 10	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 22	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 3714	---	---	---
Magnesium	ppm	■ 10	---	---	---
Zinc	ppm	■ 1546	---	---	---
Phosphorus	ppm	■ 1334	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 121	---	---	---

Depot: VOLVO4485
Unique No: 10806343
Signed: Angela Borella
Report Date: 28 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

