



CONSTRUCTION EQUIPMENT

SW-25206-2 SWIFT VOLVO L60G 611131 - REAR AXLE



Sample No: VCP430688
Oil Type: VOLVO WB 102
Job No: SW-25206-2 SWIFT



SAMPLE INFORMATION

Sample Number	VCP430688	---	---	---
Sample Date	11 Oct 2023	---	---	---
Machine Hours	9716	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH
 SALT LAKE CITY, UT
 US 84119

Contact: TJ LARK
 tlark@arnoldmachinery.com
 T: (801)972-4000
 F: (801)975-9434



OIL CONDITION

Visc @ 40°C	cSt	■ 39.9	---	---	---
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CONTAMINATION

Silicon	ppm	■ 41	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	◆ 1347	---	---	---
Copper	ppm	■ 53	---	---	---
Lead	ppm	■ 11	---	---	---
Tin	ppm	■ 5	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	▲ 21	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ 9	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 20	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 3747	---	---	---
Magnesium	ppm	■ 19	---	---	---
Zinc	ppm	■ 1506	---	---	---
Phosphorus	ppm	■ 1317	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	■ 118	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO8770
Unique No: 10699910
Signed: Sean Felton
Report Date: 19 Oct 2023



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GRAPHS

