



CONSTRUCTION EQUIPMENT

SW1021759 SUPERLITE VOLVO L90H 626359 - FRONT AXLE



Sample No: VCP409767
Oil Type: VOLVO WB 102
Job No: SW1021759 SUPERLITE



SAMPLE INFORMATION

Sample Number	VCP409767	---	---	---
Sample Date	20 Jul 2023	---	---	---
Machine Hours	906	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY

4323 EAST WINSLOW AVENUE
 PHOENIX, AZ
 US 85040

Contact: RANDY PRZEKURAT
 randyp@arnoldmachinery.com

T:
 F: (602)414-1904



OIL CONDITION

Visc @ 40°C	cSt	█ 40.3	---	---	---
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CONTAMINATION

Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 11	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 91	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	27	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3986	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 1670	---	---	---
Phosphorus	ppm	█ 1355	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 132	---	---	---

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.

Depot: VOLVO6174
Unique No: 10575860
Signed: Wes Davis
Report Date: 28 Jul 2023



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GRAPHS

