



CONSTRUCTION EQUIPMENT

SW-29071-2 LKQ VOLVO L90H 624750 - FRONT AXLE



Sample No: VCP372349
Oil Type: VOLVO WB 102
Job No: SW-29071-2 LKQ



SAMPLE INFORMATION

Sample Number	VCP372349	VCP337608	VCP321273	---
Sample Date	31 Jan 2024	16 Jan 2023	13 Sep 2021	---
Machine Hours	6590	4691	2082	---
Oil Hours	2000	2600	1000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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	47.1	41.7	42.1	---
-------------	-----	-------------	------	------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	12	13	11	---
Sodium	ppm	6	9	10	---
Potassium	ppm	0	0	0	---

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	51	37	20	---
Copper	ppm	4	<1	<1	---
Lead	ppm	0	<1	<1	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	<1	1	2	---
Chromium	ppm	1	1	<1	---
Molybdenum	ppm	1	2	2	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	3	3	2	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	2896	3946	4029	---
Magnesium	ppm	16	15	15	---
Zinc	ppm	1237	1549	1606	---
Phosphorus	ppm	1125	1215	1303	---
Barium	ppm	0	2	0	---
Boron	ppm	31	129	146	---

Depot: VOLVO8770
Unique No: 10870287
Signed: Wes Davis
Report Date: 08 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

