



CONSTRUCTION EQUIPMENT

SW1001406 PAYLESS VOLVO L90H 624182 - FRONT AXLE



Sample No: VCP350387
Oil Type: VOLVO WB 102
Job No: SW1001406 PAYLESS



SAMPLE INFORMATION

Sample Number	VCP350387	VCP277078	---	---
Sample Date	23 Mar 2022	21 May 2020	---	---
Machine Hours	2110	886	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

ARNOLD MACHINERY COMPANY

4323 EAST WINSLOW AVENUE
 PHOENIX, AZ
 US 85040

Contact: RANDY PRZEKURAT
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T:
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OIL CONDITION

Visc @ 40°C	cSt	40.6	41.2	---	---
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CONTAMINATION

Water	%	---	▲ 0.622	---	---
Silicon	ppm	31	16	---	---
Sodium	ppm	9	4	---	---
Potassium	ppm	4	1	---	---



WEAR METALS

Iron	ppm	211	68	---	---
Copper	ppm	4	1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	6	2	---	---
Chromium	ppm	6	2	---	---
Molybdenum	ppm	14	9	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	14	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4100	3721	---	---
Magnesium	ppm	12	8	---	---
Zinc	ppm	1637	1413	---	---
Phosphorus	ppm	1386	1276	---	---
Barium	ppm	0	0	---	---
Boron	ppm	154	122	---	---

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: 9916141
Signed: Jonathan Hester
Report Date: 01 Apr 2022



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GRAPHS

