



CONSTRUCTION EQUIPMENT

SW1001406 PAYLESS VOLVO L90H 624182 - REAR AXLE



Sample No: VCP350395
Oil Type: VOLVO WB 102
Job No: SW1001406 PAYLESS



SAMPLE INFORMATION

Sample Number	VCP350395	VCP277081	---	---
Sample Date	23 Mar 2022	21 May 2020	---	---
Machine Hours	2110	883	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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 PHOENIX, AZ
 US 85040
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	40.9	41.1	---	---
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CONTAMINATION

Silicon	ppm	10	16	---	---
Sodium	ppm	0	3	---	---
Potassium	ppm	2	2	---	---



WEAR METALS

Iron	ppm	84	92	---	---
Copper	ppm	140	110	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	11	10	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	3	4	---	---
Molybdenum	ppm	<1	2	---	---
Nickel	ppm	0	2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	6	9	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3914	3882	---	---
Magnesium	ppm	9	11	---	---
Zinc	ppm	1625	1452	---	---
Phosphorus	ppm	1371	1294	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	129	124	---	---

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: 9916140
Signed: Don Baldrige
Report Date: 02 Apr 2022



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GRAPHS

