



CONSTRUCTION EQUIPMENT

717269 PRINCE CONST VOLVO L90H 627128 - REAR AXLE



Sample No: VCP449957
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 717269 PRINCE CONST



SAMPLE INFORMATION

Sample Number	VCP449957	VCP439699	---	---
Sample Date	25 May 2024	29 Dec 2023	---	---
Machine Hours	1119	482	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	42.4	41.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	17	19	---	---
Sodium	ppm	1	1	---	---
Potassium	ppm	0	<1	---	---

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	39	35	---	---
Copper	ppm	50	72	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	5	7	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3803	3805	---	---
Magnesium	ppm	22	13	---	---
Zinc	ppm	1556	1607	---	---
Phosphorus	ppm	1279	1351	---	---
Barium	ppm	0	0	---	---
Boron	ppm	144	119	---	---

Depot: VOLVO0096
Unique No: 11059197
Signed: Wes Davis
Report Date: 03 Jun 2024



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GRAPHS

