



CONSTRUCTION EQUIPMENT

RSO-035038 VOLVO L220H 2940 - REAR AXLE



Sample No: VCP411746
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: RSO-035038



SAMPLE INFORMATION

Sample Number	VCP411746	VCP345684	---	---
Sample Date	22 Aug 2023	27 Jan 2022	---	---
Machine Hours	7630	3597	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	48.9	48.7	---	---
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CONTAMINATION

Silicon	ppm	13	12	---	---
Sodium	ppm	6	2	---	---
Potassium	ppm	0	2	---	---



WEAR METALS

Iron	ppm	42	49	---	---
Copper	ppm	10	18	---	---
Lead	ppm	0	2	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	3	3	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	2	4	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	2	---	---
Manganese	ppm	2	33	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3435	3301	---	---
Magnesium	ppm	35	58	---	---
Zinc	ppm	1377	1205	---	---
Phosphorus	ppm	1138	1125	---	---
Barium	ppm	0	0	---	---
Boron	ppm	103	111	---	---

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: SAIBIR
Unique No: 10622839
Signed: Don Baldrige
Report Date: 30 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

