



# CONSTRUCTION EQUIPMENT

SWO-071951 VOLVO L70H 624496 - REAR AXLE



**Sample No:** VCP449651  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** SWO-071951



## SAMPLE INFORMATION

Sample Number	<b>VCP449651</b>	VCP389331	VCP380959	---
Sample Date	<b>16 May 2024</b>	18 Aug 2023	20 Dec 2022	---
Machine Hours	<b>2440</b>	1443	937	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>41.3</b>	39.8	39.7	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>17</b>	14	15	---
Sodium	ppm	<b>14</b>	10	10	---
Potassium	ppm	<b>3</b>	<1	3	---

## 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	<b>104</b>	68	58	---
Copper	ppm	<b>50</b>	41	40	---
Lead	ppm	<b>&lt;1</b>	0	0	---
Tin	ppm	<b>4</b>	4	4	---
Aluminum	ppm	<b>2</b>	3	1	---
Chromium	ppm	<b>5</b>	4	3	---
Molybdenum	ppm	<b>3</b>	1	3	---
Nickel	ppm	<b>&lt;1</b>	<1	0	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>&lt;1</b>	<1	0	---
Manganese	ppm	<b>16</b>	13	13	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>4248</b>	3938	4290	---
Magnesium	ppm	<b>10</b>	15	13	---
Zinc	ppm	<b>1651</b>	1593	1720	---
Phosphorus	ppm	<b>1417</b>	1261	1345	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>158</b>	121	123	---

**Depot:** SAIBIR  
**Unique No:** 11036050  
**Signed:** Sean Felton  
**Report Date:** 22 May 2024



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## GRAPHS

