



CONSTRUCTION EQUIPMENT

SWO-071951 VOLVO L70H 624496 - FRONT AXLE



Sample No: VCP449650
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SWO-071951



SAMPLE INFORMATION

Sample Number	VCP449650	VCP389325	VCP380960	---
Sample Date	16 May 2024	18 Aug 2023	20 Dec 2022	---
Machine Hours	2440	1443	937	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	39.6	43.6	39.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	15	12	---
Sodium	ppm	14	11	10	---
Potassium	ppm	2	<1	2	---

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	84	74	52	---
Copper	ppm	1	45	<1	---
Lead	ppm	3	0	0	---
Tin	ppm	0	5	0	---
Aluminum	ppm	1	3	<1	---
Chromium	ppm	4	4	3	---
Molybdenum	ppm	11	2	10	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	13	14	11	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	4194	4173	4110	---
Magnesium	ppm	9	16	12	---
Zinc	ppm	1635	1693	1653	---
Phosphorus	ppm	1384	1377	1293	---
Barium	ppm	0	0	0	---
Boron	ppm	154	135	119	---

Depot: SAIBIR
Unique No: 11036072
Signed: Sean Felton
Report Date: 22 May 2024



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GRAPHS

