



CONSTRUCTION EQUIPMENT

8-377021 VOLVO L70H 624447 - FRONT AXLE



Sample No: VCP429961
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: 8-377021



SAMPLE INFORMATION

Sample Number	VCP429961	VCP352280	VCP332610	---
Sample Date	15 Sep 2023	02 Sep 2022	11 Feb 2022	---
Machine Hours	4080	1980	1000	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
 MISSISSAUGA, ON
 CA L4W 4L4
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OIL CONDITION

Visc @ 40°C	cSt	43.0	42.7	40.3	---
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CONTAMINATION

Silicon	ppm	17	30	12	---
Sodium	ppm	2	9	10	---
Potassium	ppm	<1	<1	1	---



WEAR METALS

Iron	ppm	42	32	52	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	1	1	---
Chromium	ppm	<1	1	3	---
Molybdenum	ppm	<1	3	14	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	2	4	9	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	4246	3931	3778	---
Magnesium	ppm	18	16	11	---
Zinc	ppm	1631	1549	1554	---
Phosphorus	ppm	1299	1344	1351	---
Barium	ppm	<1	0	0	---
Boron	ppm	121	114	114	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TRANSAXLE OIL SAE 75W80. Please confirm.
 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: SHEMIS
Unique No: 5655930
Signed: Wes Davis
Report Date: 04 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

