



CONSTRUCTION EQUIPMENT

VOLVO L70H 622733 - FRONT AXLE



Sample No: VCP0007917

Oil Type: TRANSAXLE OIL SAE 75W80

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007917	VCP0008105	VCP360908	VCP310576
Sample Date	11 Dec 2023	08 Nov 2023	07 May 2022	07 May 2021
Machine Hours	4911	4911	4100	2984
Oil Hours	4100	4911	2100	984
Oil Changed	N/A	N/A	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: SHAWN NORTHCRAFT
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OIL CONDITION

Visc @ 40°C	cSt	43.7	45.4	40.8	39.8
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CONTAMINATION

Water	%	NEG	▲ 0.957	NEG	NEG
Silicon	ppm	11	18	11	9
Sodium	ppm	0	2	5	7
Potassium	ppm	1	1	0	<1



WEAR METALS

Iron	ppm	2	40	38	23
Copper	ppm	0	2	<1	<1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	1	2	<1	<1
Chromium	ppm	0	1	1	<1
Molybdenum	ppm	0	2	2	1
Nickel	ppm	0	1	0	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	<1	<1	<1
Manganese	ppm	0	2	2	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	4280	3764	3819	3861
Magnesium	ppm	16	22	17	15
Zinc	ppm	1655	1760	1555	1530
Phosphorus	ppm	1302	1421	1264	1247
Barium	ppm	0	0	0	0
Boron	ppm	142	146	130	116

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: VOLVO0092
Unique No: 10789094
Signed: Jonathan Hester
Report Date: 18 Dec 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

