



CONSTRUCTION EQUIPMENT

VOLVO L70H 622733 - FRONT AXLE



Sample No: VCP0008105

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008105	VCP360908	VCP310576	VCP283361
Sample Date	08 Nov 2023	07 May 2022	07 May 2021	29 May 2020
Machine Hours	4911	4100	2984	2006
Oil Hours	4911	2100	984	2006
Oil Changed	N/A	Changed	Not Changd	Changed
Sample Status	ABNORMAL	NORMAL	ABNORMAL	NORMAL

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: SHAWN NORTHCRAFT
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OIL CONDITION

Visc @ 40°C	cSt	45.4	40.8	39.8	40.4
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CONTAMINATION

Water	%	▲ 0.957	---	---	---
Silicon	ppm	18	11	9	15
Sodium	ppm	2	5	7	6
Potassium	ppm	1	0	<1	0



WEAR METALS

Iron	ppm	40	38	23	38
Copper	ppm	2	<1	<1	<1
Lead	ppm	<1	<1	<1	2
Tin	ppm	<1	0	<1	0
Aluminum	ppm	2	<1	<1	<1
Chromium	ppm	1	1	<1	2
Molybdenum	ppm	2	2	1	2
Nickel	ppm	1	0	<1	1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	<1	<1	<1	0
Manganese	ppm	2	2	2	4
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3764	3819	3861	4960
Magnesium	ppm	22	17	15	22
Zinc	ppm	1760	1555	1530	1907
Phosphorus	ppm	1421	1264	1247	1529
Barium	ppm	0	0	0	0
Boron	ppm	146	130	116	138

Diagnosis

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition. All component wear rates are normal. Appearance is hazy. There is a high concentration of water present in the oil. There is a high amount of visible silt present in the sample. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0092
Unique No: 10738857
Signed: Jonathan Hester
Report Date: 15 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

