



CONSTRUCTION EQUIPMENT

VOLVO L70H 622733 - REAR AXLE



Sample No: VCP0008107

Oil Type: TDH FLUID SAE 70W80

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008107	VCP360914	VCP304108	VCP283348
Sample Date	08 Nov 2023	07 May 2022	07 May 2021	29 May 2020
Machine Hours	4911	4100	2984	2006
Oil Hours	4911	4100	988	2006
Oil Changed	N/A	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: SHAWN NORTHCRAFT
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OIL CONDITION

Visc @ 40°C	cSt	41.97	39.6	40.0	45.0
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CONTAMINATION

Silicon	ppm	14	12	9	14
Sodium	ppm	2	5	7	6
Potassium	ppm	2	0	<1	0



WEAR METALS

Iron	ppm	35	51	26	46
Copper	ppm	3	3	2	9
Lead	ppm	<1	<1	<1	0
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	2	1	<1	<1
Chromium	ppm	<1	1	<1	2
Molybdenum	ppm	1	<1	<1	1
Nickel	ppm	<1	0	<1	1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	<1	<1	<1	0
Manganese	ppm	1	2	1	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	4159	3941	3763	4496
Magnesium	ppm	24	16	14	21
Zinc	ppm	1705	1585	1488	1761
Phosphorus	ppm	1368	1304	1214	1411
Barium	ppm	0	0	0	0
Boron	ppm	145	138	113	132

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: 10738834
Signed: Sean Felton
Report Date: 16 Nov 2023



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GRAPHS

