



CONSTRUCTION EQUIPMENT

VOLVO L180H I153 - FRONT AXLE



Sample No: VCP0007957

Oil Type: TDH FLUID SAE 75W80

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007957	VCP0002512	VCP362458	---
Sample Date	28 Nov 2023	26 Jul 2022	04 Apr 2022	---
Machine Hours	8885	2590	2590	---
Oil Hours	8885	2590	2590	---
Oil Changed	N/A	N/A	Not Changd	---
Sample Status	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	44.4	42.2	43.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	13	9	---
Sodium	ppm	1	6	7	---
Potassium	ppm	<1	2	<1	---



WEAR METALS

Iron	ppm	14	119	15	---
Copper	ppm	<1	3	<1	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	1	1	1	---
Chromium	ppm	0	3	<1	---
Molybdenum	ppm	0	3	2	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	1	<1	---
Manganese	ppm	<1	4	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	2738	3999	4031	---
Magnesium	ppm	14	18	34	---
Zinc	ppm	1256	1625	1557	---
Phosphorus	ppm	1023	1290	1256	---
Barium	ppm	0	0	0	---
Boron	ppm	81	144	118	---

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: 10766348
Signed: Don Baldrige
Report Date: 04 Dec 2023



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GRAPHS

