



CONSTRUCTION EQUIPMENT

VOLVO L180H 1153 - REAR AXLE



Sample No: VCP0007959

Oil Type: TDH FLUID SAE 75W80

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007959	VCP0002561	VCP362435	---
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	45.3	41.8	43.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	12	10	---
Sodium	ppm	2	6	7	---
Potassium	ppm	0	2	0	---



WEAR METALS

Iron	ppm	24	57	20	---
Copper	ppm	<1	2	<1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	<1	1	1	---
Chromium	ppm	<1	1	<1	---
Molybdenum	ppm	0	1	2	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	1	<1	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	3066	3752	3981	---
Magnesium	ppm	16	20	32	---
Zinc	ppm	1391	1532	1566	---
Phosphorus	ppm	1110	1211	1277	---
Barium	ppm	0	0	0	---
Boron	ppm	89	138	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: 10766355
Signed: Don Baldrige
Report Date: 04 Dec 2023



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GRAPHS

