



CONSTRUCTION EQUIPMENT

VOLVO L180H 5717 - FRONT AXLE



Sample No: VCP437726
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP437726	VCP433543	---	---
Sample Date	24 Feb 2024	13 Nov 2023	---	---
Machine Hours	2234	1568	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	41.7	41.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	11	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	3	2	---	---



WEAR METALS

Iron	ppm	67	47	---	---
Copper	ppm	13	10	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3676	3645	---	---
Magnesium	ppm	13	10	---	---
Zinc	ppm	1549	1539	---	---
Phosphorus	ppm	1361	1343	---	---
Barium	ppm	0	0	---	---
Boron	ppm	118	128	---	---

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: VOLVO0090
Unique No: 10900249
Signed: Wes Davis
Report Date: 28 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

