



CONSTRUCTION EQUIPMENT

RENTAL VOLVO L180H 5785 - FRONT AXLE



Sample No: VCP428554
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: RENTAL



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP428554	VCP429226	---	---
Sample Date	23 Feb 2024	16 Oct 2023	---	---
Machine Hours	3774	1214	---	---
Oil Hours	0	1214	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	47.0	41.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	11	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	0	1	---	---



WEAR METALS

Iron	ppm	99	70	---	---
Copper	ppm	2	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	2	1	---	---
Molybdenum	ppm	8	1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3711	3854	---	---
Magnesium	ppm	47	6	---	---
Zinc	ppm	1546	1654	---	---
Phosphorus	ppm	1265	1370	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	140	119	---	---

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: VOLVO0093
Unique No: 11018986
Signed: Wes Davis
Report Date: 09 May 2024



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GRAPHS

