



CONSTRUCTION EQUIPMENT

RENTAL VOLVO L180H 5785 - REAR AXLE



Sample No: VCP435602
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: RENTAL



SAMPLE INFORMATION

Sample Number	VCP435602	VCP429255	---	---
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	---	---

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OIL CONDITION

Visc @ 40°C	cSt	43.2	41.8	---	---
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CONTAMINATION

Water	%	0.281	NEG	---	---
Silicon	ppm	13	11	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	<1	2	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	101	92	---	---
Copper	ppm	2	3	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	8	4	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3729	4161	---	---
Magnesium	ppm	47	8	---	---
Zinc	ppm	1532	1753	---	---
Phosphorus	ppm	1295	1416	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	142	131	---	---

Depot: VOLVO0093
Unique No: 11018985
Signed: Don Baldrige
Report Date: 10 May 2024



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VOLVO GRAPHS

