



CONSTRUCTION EQUIPMENT

9716 WASTE MGMT VOLVO L70G 614434 - REAR AXLE



Sample No: VCP426153
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 9716 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP426153	VCP413674	---	---
Sample Date	02 Oct 2023	16 Aug 2023	---	---
Machine Hours	22456	22133	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	SEVERE	SEVERE	---	---

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OIL CONDITION

Visc @ 40°C	cSt	48.5	51.4	---	---
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CONTAMINATION

Silicon	ppm	13	15	---	---
Sodium	ppm	4	0	---	---
Potassium	ppm	5	2	---	---



WEAR METALS

Iron	ppm	1302	1232	---	---
Copper	ppm	10	10	---	---
Lead	ppm	0	0	---	---
Tin	ppm	2	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	6	6	---	---
Molybdenum	ppm	10	10	---	---
Nickel	ppm	12	12	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	11	10	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3197	3494	---	---
Magnesium	ppm	18	11	---	---
Zinc	ppm	1301	1415	---	---
Phosphorus	ppm	1105	1190	---	---
Barium	ppm	0	0	---	---
Boron	ppm	123	131	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO0150
Unique No: 10681809
Signed: Sean Felton
Report Date: 09 Oct 2023



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GRAPHS

