



CONSTRUCTION EQUIPMENT

689018 IAA VOLVO L90H 623069 - REAR AXLE



Sample No: VCP441312
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 689018 IAA



SAMPLE INFORMATION

Sample Number	VCP441312	VCP345016	VCP224076	---
Sample Date	04 Apr 2024	04 Nov 2021	12 Jul 2018	---
Machine Hours	16355	11990	6022	---
Oil Hours	2000	4000	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
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OIL CONDITION

Visc @ 40°C	cSt	40.1	41.6	32.12	---
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CONTAMINATION

Water	%	NEG	NEG	0.241	---
Silicon	ppm	15	18	13	---
Sodium	ppm	<1	9	5	---
Potassium	ppm	0	0	0	---

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.



WEAR METALS

Iron	ppm	52	102	26	---
Copper	ppm	12	8	<1	---
Lead	ppm	<1	<1	0	---
Tin	ppm	<1	1	0	---
Aluminum	ppm	1	2	<1	---
Chromium	ppm	<1	1	<1	---
Molybdenum	ppm	0	2	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	<1	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	3287	3801	3369	---
Magnesium	ppm	11	26	27	---
Zinc	ppm	1472	1499	1433	---
Phosphorus	ppm	1267	1243	1097	---
Barium	ppm	0	0	0	---
Boron	ppm	7	122	95	---

Depot: VOLVO2990
Unique No: 10969467
Signed: Wes Davis
Report Date: 11 Apr 2024



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GRAPHS

