



CONSTRUCTION EQUIPMENT

SPM634472 WASTE MGMT VOLVO L90H 624824 - REAR AXLE



Sample No: VCP430176
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM634472 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP430176	VCP398379	VCP426421	VCP395503
Sample Date	29 Nov 2023	18 Oct 2023	03 Oct 2023	28 Sep 2023
Machine Hours	10587	10540	10193	10002
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
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 F:



OIL CONDITION

Visc @ 40°C	cSt	41.5	41.9	41.8	41.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	50	▲ 90	17	▲ 63
Sodium	ppm	1	<1	2	1
Potassium	ppm	8	0	<1	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	30	57	19	36
Copper	ppm	1	<1	1	2
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	0	<1	1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	0	<1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	2	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	<1	<1



ADDITIVES

Calcium	ppm	2031	3237	3301	3321
Magnesium	ppm	11	12	13	19
Zinc	ppm	1040	1459	1525	1505
Phosphorus	ppm	865	1209	1240	1216
Barium	ppm	0	0	2	0
Boron	ppm	12	20	26	21

Depot: VOLVO8885
Unique No: 10793389
Signed: Jonathan Hester
Report Date: 20 Dec 2023



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GRAPHS

