



CONSTRUCTION EQUIPMENT

SPM621942 WASTE MGMT VOLVO L90H 624824 - FRONT AXLE



Sample No: VCP398378
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM621942 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP398378	VCP426428	VCP395502	VCP415268
Sample Date	18 Oct 2023	03 Oct 2023	28 Sep 2023	12 Sep 2023
Machine Hours	10540	10193	10002	9830
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	41.7	41.8	41.5	44.0
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CONTAMINATION

Silicon	ppm	17	18	18	17
Sodium	ppm	<1	2	0	1
Potassium	ppm	0	0	2	2

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	18	19	23	63
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	<1	0	4
Chromium	ppm	0	0	<1	1
Molybdenum	ppm	0	<1	<1	1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	3279	3270	3415	4164
Magnesium	ppm	11	13	10	18
Zinc	ppm	1458	1508	1545	1665
Phosphorus	ppm	1202	1216	1225	1317
Barium	ppm	0	0	<1	0
Boron	ppm	26	26	27	134

Depot: VOLVO8885
Unique No: 10738447
Signed: Wes Davis
Report Date: 13 Nov 2023

VOLVO GRAPHS

