



CONSTRUCTION EQUIPMENT

SPM595392 WASTE MGMT VOLVO L90H 624824 - FRONT AXLE



Sample No: VCP415268
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM595392 WASTE MGMT



SAMPLE INFORMATION

Sample Number	VCP415268	VCP399660	VCP399976	VCP404282
Sample Date	12 Sep 2023	08 Aug 2023	07 Jun 2023	18 May 2023
Machine Hours	9830	9594	9431	9211
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 5000 INDUSTRIAL HWY
 GARY, IN
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 F:



OIL CONDITION

Visc @ 40°C	cSt	44.0	43.4	43.9	44.1
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CONTAMINATION

Silicon	ppm	17	16	16	15
Sodium	ppm	1	3	4	4
Potassium	ppm	2	1	0	0



WEAR METALS

Iron	ppm	63	63	54	49
Copper	ppm	<1	<1	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	4	2	1	<1
Chromium	ppm	1	2	2	1
Molybdenum	ppm	1	1	1	1
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4164	4207	4164	3965
Magnesium	ppm	18	17	20	18
Zinc	ppm	1665	1697	1730	1612
Phosphorus	ppm	1317	1360	1318	1276
Barium	ppm	0	0	0	0
Boron	ppm	134	144	129	120

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.

Depot: VOLVO8885
Unique No: 10658490
Signed: Don Baldrige
Report Date: 22 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

