



CONSTRUCTION EQUIPMENT

SPM593757 WM HODGKIN VOLVO L90H 624824 - FRONT AXLE



Sample No: VCP399660
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM593757 WM HODGKIN



SAMPLE INFORMATION

Sample Number	VCP399660	VCP399976	VCP404282	VCP419560
Sample Date	08 Aug 2023	07 Jun 2023	18 May 2023	08 May 2023
Machine Hours	9594	9431	9211	9062
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	43.4	43.9	44.1	44.0
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CONTAMINATION

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



WEAR METALS

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



ADDITIVES

Calcium	ppm	4207	4164	3965	3939
Magnesium	ppm	17	20	18	17
Zinc	ppm	1697	1730	1612	1614
Phosphorus	ppm	1360	1318	1276	1255
Barium	ppm	0	0	0	0
Boron	ppm	144	129	120	129

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: 10616422
Signed: Don Baldrige
Report Date: 23 Aug 2023



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GRAPHS

