



CONSTRUCTION EQUIPMENT

607874 ASH GROVE VOLVO L180H 5419 - REAR AXLE



Sample No: VCP443276
Oil Type: VOLVO WB 102
Job No: 607874 ASH GROVE



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: KENNY HANEY
khaney@flaglerce.com
T: (813)630-0077
F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP443276	VCP413232	VCP417496	VCP404985
Sample Date	25 Sep 2023	18 Jul 2023	02 Jun 2023	14 Apr 2023
Machine Hours	10654	9778	9285	8764
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	43.0	43.3	43.1	42.1
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	12	12	11	9
Sodium	ppm	2	2	1	4
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	38	21	17	23
Copper	ppm	20	19	16	25
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	3	1	<1	<1
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3660	4169	3629	3277
Magnesium	ppm	16	15	13	17
Zinc	ppm	1580	1694	1472	1415
Phosphorus	ppm	1285	1380	1165	1171
Barium	ppm	0	0	0	0
Boron	ppm	144	135	133	115

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: VOLVO0093
Unique No: 10670893
Signed: Don Baldrige
Report Date: 01 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

