



CONSTRUCTION EQUIPMENT

2036 SUWANNEE VOLVO L180H 5419 - REAR AXLE



Sample No: VCP438160
Oil Type: VOLVO WB 102
Job No: 2036 SUWANNEE



SAMPLE INFORMATION

Sample Number	VCP438160	VCP443276	VCP413232	VCP417496
Sample Date	18 Jan 2024	25 Sep 2023	18 Jul 2023	02 Jun 2023
Machine Hours	11783	10654	9778	9285
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	42.8	43.0	43.3	43.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	12	12	11
Sodium	ppm	0	2	2	1
Potassium	ppm	<1	0	0	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	21	38	21	17
Copper	ppm	4	20	19	16
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	3	1	<1
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2297	3660	4169	3629
Magnesium	ppm	9	16	15	13
Zinc	ppm	1148	1580	1694	1472
Phosphorus	ppm	919	1285	1380	1165
Barium	ppm	0	0	0	0
Boron	ppm	78	144	135	133

Depot: VOLVO0093
Unique No: 10847429
Signed: Don Baldrige
Report Date: 28 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

