



CONSTRUCTION EQUIPMENT

SPM580302 SUWANNEE VOLVO L180H 5496 - REAR AXLE



Sample No: VCP413000
Oil Type: VOLVO WB 102
Job No: SPM580302 SUWANNEE



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SAMPLE INFORMATION

Sample Number	VCP413000	VCP418116	VCP405187	VCP379840
Sample Date	18 Jul 2023	02 Jun 2023	14 Apr 2023	02 Nov 2022
Machine Hours	11082	10460	9652	6867
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	44.4	43.3	43.8	48.5
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CONTAMINATION

Silicon	ppm	13	13	11	13
Sodium	ppm	2	1	2	4
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	52	40	102	41
Copper	ppm	14	14	87	78
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	1	2
Chromium	ppm	<1	<1	2	1
Molybdenum	ppm	<1	<1	1	1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	2	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	4012	3779	3276	3747
Magnesium	ppm	20	20	21	19
Zinc	ppm	1533	1498	1411	1439
Phosphorus	ppm	1292	1182	1201	1229
Barium	ppm	0	0	0	0
Boron	ppm	154	138	113	143

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: 10572482
Signed: Wes Davis
Report Date: 25 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

