



CONSTRUCTION EQUIPMENT

SPM580303 SUWANNEE VOLVO L180H 5419 - FRONT AXLE



Sample No: VCP413229
Oil Type: VOLVO WB 102
Job No: SPM580303 SUWANNEE



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SAMPLE INFORMATION

Sample Number	VCP413229	VCP418113	VCP404978	VCP399001
Sample Date	18 Jul 2023	02 Jun 2023	14 Apr 2023	14 Dec 2022
Machine Hours	9778	9285	8764	7772
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	42.9	43.1	41.9	42.3
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CONTAMINATION

Silicon	ppm	13	11	9	10
Sodium	ppm	2	2	4	6
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	34	22	25	34
Copper	ppm	20	18	32	29
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	<1	<1	1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4173	3774	3255	3768
Magnesium	ppm	17	15	17	17
Zinc	ppm	1696	1573	1461	1520
Phosphorus	ppm	1394	1231	1237	1213
Barium	ppm	0	0	0	0
Boron	ppm	136	135	115	123

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: 10566027
Signed: Wes Davis
Report Date: 24 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

