



CONSTRUCTION EQUIPMENT

SWO-064007 VOLVO A45G 352799 - FRONT AXLE



Sample No: VCP418148
Oil Type: NOT GIVEN
Job No: SWO-064007



SAMPLE INFORMATION

Sample Number	VCP418148	VCP405919	VCP369033	VCP364234
Sample Date	12 Jul 2023	29 Mar 2023	16 Nov 2022	31 Aug 2022
Machine Hours	3946	3445	2976	2451
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	153	151	153	153
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CONTAMINATION

Silicon	ppm	7	9	7	7
Sodium	ppm	8	8	8	6
Potassium	ppm	6	6	3	8



WEAR METALS

Iron	ppm	492	542	440	330
Copper	ppm	<1	1	1	1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	3	2	2
Chromium	ppm	8	8	7	6
Molybdenum	ppm	8	8	7	7
Nickel	ppm	1	1	1	0
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	15	15	13	12
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3092	3079	2721	2608
Magnesium	ppm	34	33	29	25
Zinc	ppm	1372	1379	1148	1076
Phosphorus	ppm	1223	1181	1022	1021
Barium	ppm	6	0	3	8
Boron	ppm	69	63	59	57

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: SAIBIR
Unique No: 10574592
Signed: Sean Felton
Report Date: 28 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

