



CONSTRUCTION EQUIPMENT

SWO-066609 VOLVO A45G 352916 - FRONT AXLE



Sample No: VCP432937
Oil Type: NOT GIVEN
Job No: SWO-066609



SAMPLE INFORMATION

Sample Number	VCP432937	VCP415953	VCP404632	VCP403238
Sample Date	11 Oct 2023	25 Jul 2023	04 May 2023	24 Jan 2023
Machine Hours	3517	3005	2493	1980
Oil Hours	0	0	0	0
Oil Changed	Not Changd	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	49.0	48.7	49.0	49.7
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CONTAMINATION

Silicon	ppm	4	12	3	2
Sodium	ppm	3	2	2	1
Potassium	ppm	2	3	3	2



WEAR METALS

Iron	ppm	180	226	203	64
Copper	ppm	3	2	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	1	<1	<1
Chromium	ppm	2	3	3	<1
Molybdenum	ppm	5	7	8	7
Nickel	ppm	0	<1	2	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	10	10	10	5
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	126	137	120	109
Magnesium	ppm	15	<1	4	1
Zinc	ppm	50	62	53	48
Phosphorus	ppm	2083	2476	2549	2277
Barium	ppm	0	0	0	<1
Boron	ppm	167	219	215	248

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: SAIBIR
Unique No: 10698771
Signed: Sean Felton
Report Date: 19 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

