



CONSTRUCTION EQUIPMENT

SWO-063672 VOLVO A45G 352708 - FRONT AXLE



Sample No: VCP424316
Oil Type: GEAR OIL SAE 75W80
Job No: SWO-063672



SAMPLE INFORMATION

Sample Number	VCP424316	VCP402471	VCP369037	VCP366783
Sample Date	06 Jul 2023	24 Mar 2023	08 Nov 2022	25 Jul 2022
Machine Hours	3920	3429	2956	2440
Oil Hours	0	0	0	2440
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	49.9	49.4	49.3	50.3
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CONTAMINATION

Silicon	ppm	6	6	51	6
Sodium	ppm	2	2	0	0
Potassium	ppm	4	6	6	5

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	378	408	283	264
Copper	ppm	2	2	2	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	6	1
Chromium	ppm	5	6	3	4
Molybdenum	ppm	16	17	10	7
Nickel	ppm	1	<1	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	<1	0	<1	0
Manganese	ppm	12	12	8	10
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	84	89	91	113
Magnesium	ppm	0	5	2	2
Zinc	ppm	38	36	43	57
Phosphorus	ppm	2480	2495	2478	2271
Barium	ppm	0	0	0	0
Boron	ppm	208	207	228	272

Depot: SAIBIR
Unique No: 10551198
Signed: Sean Felton
Report Date: 12 Jul 2023



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VOLVO GRAPHS

