



CONSTRUCTION EQUIPMENT

VOLVO A45G 352916 - DROP BOX



Sample No: VCP369306
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP369306	VCP419138	VCP404641	VCP403263
Sample Date	07 Aug 2023	25 Jul 2023	04 May 2023	24 Jan 2023
Machine Hours	3113	3005	2493	1980
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	ABNORMAL	ABNORMAL	ATTENTION	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	44.5	44.0	44.9	45.3
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CONTAMINATION

Silicon	ppm	35	41	33	30
Sodium	ppm	4	10	9	5
Potassium	ppm	4	2	2	<1



WEAR METALS

Iron	ppm	798	776	439	261
Copper	ppm	15	13	11	11
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	1	1	<1	<1
Chromium	ppm	5	6	3	2
Molybdenum	ppm	4	4	4	4
Nickel	ppm	2	2	2	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	14	14	9	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	53	53	53	65
Magnesium	ppm	3	<1	6	3
Zinc	ppm	83	82	86	93
Phosphorus	ppm	2050	2151	2215	2131
Barium	ppm	2	0	0	<1
Boron	ppm	60	63	68	52

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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: 10607528
Signed: Don Baldrige
Report Date: 18 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

