



CONSTRUCTION EQUIPMENT

VOLVO A30G 742385 - FRONT AXLE



Sample No: VCP438705
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP438705	VCP433500	VCP417745	VCP388306
Sample Date	09 Apr 2024	02 Oct 2023	20 Jun 2023	17 Oct 2022
Machine Hours	5731	5255	4737	4210
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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	235	231	233	113
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	3	4
Sodium	ppm	0	<1	2	<1
Potassium	ppm	<1	0	1	0

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	151	159	163	173
Copper	ppm	3	3	3	6
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	3	0
Chromium	ppm	3	3	3	3
Molybdenum	ppm	3	1	4	3
Nickel	ppm	<1	1	1	2
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	4	8
Vanadium	ppm	<1	0	0	<1



ADDITIVES

Calcium	ppm	113	116	113	26
Magnesium	ppm	29	30	30	5
Zinc	ppm	74	76	74	27
Phosphorus	ppm	935	1052	977	991
Barium	ppm	0	0	0	0
Boron	ppm	141	151	164	142

Depot: SAIBIR
Unique No: 10991797
Signed: Don Baldrige
Report Date: 24 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

