



CONSTRUCTION EQUIPMENT

VOLVO A40G 340716 - DROP BOX



Sample No: VCP405262
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP405262	VCP396174	VCP366069	VCP373746
Sample Date	30 Aug 2023	26 Apr 2023	23 Nov 2022	23 Aug 2022
Machine Hours	8929	8381	7881	7326
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
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Contact: STEPHANI BRITTON
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OIL CONDITION

Visc @ 40°C	cSt	281	281	248	248
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CONTAMINATION

Silicon	ppm	3	5	2	3
Sodium	ppm	<1	0	0	0
Potassium	ppm	0	1	0	1



WEAR METALS

Iron	ppm	11	12	22	20
Copper	ppm	0	<1	<1	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	4	5	2	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	2	<1
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	127	129	84	105
Magnesium	ppm	38	34	19	24
Zinc	ppm	84	90	64	77
Phosphorus	ppm	989	978	886	930
Barium	ppm	0	0	0	<1
Boron	ppm	150	157	105	109

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: 10643557
Signed: Sean Felton
Report Date: 13 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

