



CONSTRUCTION EQUIPMENT

SWO-064335 VOLVO A40F 11843 - FRONT AXLE



Sample No: VCP414172
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-064335



SAMPLE INFORMATION

Sample Number	VCP414172	VCP397071	VCP404347	VCP366225
Sample Date	02 Aug 2023	12 Apr 2023	08 Dec 2022	29 Aug 2022
Machine Hours	6103	5555	5050	4525
Oil Hours	0	0	0	0
Oil Changed	Changed	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	325	325	323	322
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CONTAMINATION

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



WEAR METALS

Iron	ppm	23	22	10	5
Copper	ppm	<1	0	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	2	2	1	2
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	65	69	71	72
Magnesium	ppm	13	18	12	7
Zinc	ppm	39	35	41	41
Phosphorus	ppm	949	956	920	905
Barium	ppm	0	0	0	0
Boron	ppm	187	182	155	189

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: 10589852
Signed: Sean Felton
Report Date: 08 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

