



CONSTRUCTION EQUIPMENT

SWO-066610 VOLVO A60H 340099 - FRONT AXLE



Sample No: VCP428921
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-066610



SAMPLE INFORMATION

Sample Number	VCP428921	VCP416648	VCP410330	VCP370847
Sample Date	11 Oct 2023	18 Jul 2023	27 Mar 2023	14 Oct 2022
Machine Hours	7982	7491	7019	6595
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	259	259	144	137
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CONTAMINATION

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



WEAR METALS

Iron	ppm	7	9	35	20
Copper	ppm	<1	0	1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	0
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	4	5	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	2	1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	164	209	708	735
Magnesium	ppm	41	36	19	12
Zinc	ppm	83	114	317	317
Phosphorus	ppm	924	1081	965	928
Barium	ppm	0	0	0	0
Boron	ppm	159	204	145	130

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: 10698761
Signed: Sean Felton
Report Date: 19 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

