



CONSTRUCTION EQUIPMENT

SWO-071761 VOLVO A60H 340099 - FRONT AXLE



Sample No: VCP453689
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-071761



SAMPLE INFORMATION

Sample Number	VCP453689	VCP431547	VCP428921	VCP416648
Sample Date	15 May 2024	23 Jan 2024	11 Oct 2023	18 Jul 2023
Machine Hours	9054	8489	7982	7491
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	260	261	259	259
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	3	3
Sodium	ppm	2	2	2	0
Potassium	ppm	2	<1	0	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	16	8	7	9
Copper	ppm	<1	0	<1	0
Lead	ppm	2	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	5	3	4	5
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	0
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	201	159	164	209
Magnesium	ppm	29	31	41	36
Zinc	ppm	111	91	83	114
Phosphorus	ppm	1090	837	924	1081
Barium	ppm	0	<1	0	0
Boron	ppm	205	162	159	204

Depot: SAIBIR
Unique No: 11036074
Signed: Sean Felton
Report Date: 22 May 2024



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VOLVO GRAPHS

