



CONSTRUCTION EQUIPMENT

SWO-071763 VOLVO A60H 340039 - REAR AXLE



Sample No: VCP450915
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-071763



SAMPLE INFORMATION

Sample Number	VCP450915	VCP441430	VCP433246	VCP412640
Sample Date	07 May 2024	18 Jan 2024	27 Sep 2023	20 Jun 2023
Machine Hours	9022	8521	8052	7542
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	283	282	267	264
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CONTAMINATION

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

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	11	5	13	16
Copper	ppm	<1	0	0	0
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	2	0	0	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	8	6	2	3
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	132	103	83	97
Magnesium	ppm	37	34	12	17
Zinc	ppm	119	96	30	49
Phosphorus	ppm	922	754	892	1006
Barium	ppm	2	<1	0	0
Boron	ppm	155	132	146	187

Depot: SAIBIR
Unique No: 11021936
Signed: Sean Felton
Report Date: 14 May 2024



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GRAPHS

