



CONSTRUCTION EQUIPMENT

SWO-066190 VOLVO A60H 340039 - FRONT LEFT FINAL DRIVE



Sample No: VCP431115
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-066190



SAMPLE INFORMATION

Sample Number	VCP431115	VCP412651	VCP366101	VCP366692
Sample Date	27 Sep 2023	20 Jun 2023	29 Nov 2022	15 Aug 2022
Machine Hours	8052	7542	7061	6529
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	272	274	275	276
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CONTAMINATION

Silicon	ppm	3	2	2	2
Sodium	ppm	<1	0	0	0
Potassium	ppm	<1	0	0	<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	25	19	18	12
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	2	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	65	62	74	68
Magnesium	ppm	14	12	15	15
Zinc	ppm	22	31	45	43
Phosphorus	ppm	889	724	915	914
Barium	ppm	0	0	0	1
Boron	ppm	147	129	159	156

Depot: SAIBIR
Unique No: 10673226
Signed: Don Baldrige
Report Date: 04 Oct 2023



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VOLVO GRAPHS

