



CONSTRUCTION EQUIPMENT

VOLVO A60H 340039 - BOGIE/CENTER AXLE



Sample No: VCP412574
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP412574	VCP366096	VCP366693	VCP354411
Sample Date	20 Jun 2023	29 Nov 2022	15 Aug 2022	04 May 2022
Machine Hours	7542	7061	6529	6042
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	270	271	269	116
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CONTAMINATION

Silicon	ppm	2	2	2	1
Sodium	ppm	<1	<1	0	<1
Potassium	ppm	0	0	<1	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	39	17	14	80
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	1	<1	<1	2
Molybdenum	ppm	2	2	2	4
Nickel	ppm	<1	0	0	1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	86	74	79	154
Magnesium	ppm	15	11	12	6
Zinc	ppm	45	43	47	70
Phosphorus	ppm	1017	844	895	1164
Barium	ppm	0	0	<1	0
Boron	ppm	182	145	148	239

Depot: SAIBIR
Unique No: 10538560
Signed: Don Baldrige
Report Date: 04 Jul 2023



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GRAPHS

