



CONSTRUCTION EQUIPMENT

VOLVO A60H 350022 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP450817
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP450817	VCP441452	VCP427439	VCP424716
Sample Date	06 Jun 2024	23 Jan 2024	27 Sep 2023	01 May 2023
Machine Hours	8426	7905	7399	6905
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	281	302	302	302
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	2	2	2
Sodium	ppm	0	0	0	<1
Potassium	ppm	1	2	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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	9	32	27	27
Copper	ppm	<1	0	0	1
Lead	ppm	0	<1	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	<1	2	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	10	2	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	1	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	137	118	123	117
Magnesium	ppm	49	25	23	24
Zinc	ppm	124	96	84	85
Phosphorus	ppm	867	1089	1166	1047
Barium	ppm	0	0	0	0
Boron	ppm	173	192	184	155

Depot: SAIBIR
Unique No: 11075578
Signed: Don Baldrige
Report Date: 14 Jun 2024



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VOLVO GRAPHS

