



CONSTRUCTION EQUIPMENT

VOLVO A60H 350022 - REAR AXLE



Sample No: VCP450819
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP450819	VCP441026	VCP427442	VCP402737
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	277	299	298	300
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CONTAMINATION

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



WEAR METALS

Iron	ppm	6	21	18	17
Copper	ppm	<1	0	0	1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	<1	2	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	10	2	2	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	138	126	131	119
Magnesium	ppm	49	25	24	25
Zinc	ppm	126	100	88	85
Phosphorus	ppm	903	1106	1158	1044
Barium	ppm	0	0	0	0
Boron	ppm	173	199	186	155

Depot: SAIBIR
Unique No: 11075579
Signed: Don Baldrige
Report Date: 14 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

