



CONSTRUCTION EQUIPMENT

SWO-071761 VOLVO A60H 340099 - BOGIE/CENTER AXLE



Sample No: VCP453691
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-071761



SAMPLE INFORMATION

Sample Number	VCP453691	VCP429497	VCP431666	VCP416651
Sample Date	15 May 2024	23 Jan 2024	11 Oct 2023	18 Jul 2023
Machine Hours	9054	8489	7982	7491
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	251	252	249	252
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	3	3
Sodium	ppm	1	2	2	0
Potassium	ppm	2	1	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. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	26	17	15	17
Copper	ppm	<1	0	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	5	3	4	5
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	156	119	121	153
Magnesium	ppm	28	30	42	36
Zinc	ppm	86	70	63	86
Phosphorus	ppm	1114	861	939	1112
Barium	ppm	0	<1	0	0
Boron	ppm	220	170	168	218

Depot: SAIBIR
Unique No: 11036090
Signed: Sean Felton
Report Date: 22 May 2024

VOLVO **GRAPHS**

