



CONSTRUCTION EQUIPMENT

SWO-071762 VOLVO A60 340104 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP453849
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-071762



SAMPLE INFORMATION

Sample Number	VCP453849	VCP428772	VCP427498	VCP403792
Sample Date	15 May 2024	30 Nov 2023	24 Aug 2023	17 Apr 2023
Machine Hours	9718	9185	8689	8086
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	290	293	292	228
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	3	1
Sodium	ppm	1	2	0	0
Potassium	ppm	2	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	28	17	15	39
Copper	ppm	2	<1	<1	0
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	3	2	3	2
Nickel	ppm	0	0	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	107	58	59	62
Magnesium	ppm	22	25	24	18
Zinc	ppm	67	53	54	23
Phosphorus	ppm	1134	998	983	796
Barium	ppm	0	0	0	0
Boron	ppm	229	194	187	139

Depot: SAIBIR
Unique No: 11036084
Signed: Sean Felton
Report Date: 22 May 2024



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VOLVO GRAPHS

