



CONSTRUCTION EQUIPMENT

SWO-071762 VOLVO A60 340104 - FRONT LEFT FINAL DRIVE



Sample No: VCP453836
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-071762



SAMPLE INFORMATION

Sample Number	VCP453836	VCP435592	VCP427230	VCP403948
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	287	290	289	223
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	3	2
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	23	15	16	60
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	<1
Chromium	ppm	<1	0	<1	1
Molybdenum	ppm	3	2	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	70	64	88	104
Magnesium	ppm	24	26	25	20
Zinc	ppm	59	56	65	49
Phosphorus	ppm	1149	998	997	1137
Barium	ppm	0	0	0	0
Boron	ppm	231	191	191	195

Depot: SAIBIR
Unique No: 11036082
Signed: Sean Felton
Report Date: 22 May 2024



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VOLVO GRAPHS

