



CONSTRUCTION EQUIPMENT

61239 VOLVO A25G 740358 - BOGIE/CENTER AXLE



Sample No: VCP454337
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 61239



SAMPLE INFORMATION

Sample Number	VCP454337	VCP421096	VCP355072	VCP337771
Sample Date	23 Feb 2024	31 Mar 2023	10 Jun 2022	31 May 2022
Machine Hours	10241	9085	8321	7505
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

WLW CONSTRUCTION

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OIL CONDITION

Visc @ 40°C	cSt	292	289	291	284
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	2
Sodium	ppm	<1	0	<1	0
Potassium	ppm	<1	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	53	106	105	52
Copper	ppm	12	11	9	7
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	0	<1	<1	0
Chromium	ppm	<1	1	1	<1
Molybdenum	ppm	<1	2	2	2
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	105	106	96	94
Magnesium	ppm	8	11	8	13
Zinc	ppm	48	55	50	58
Phosphorus	ppm	996	1019	984	860
Barium	ppm	0	<1	2	0
Boron	ppm	137	158	182	159

Depot: WLWMOU
Unique No: 10903716
Signed: Wes Davis
Report Date: 02 Mar 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

