



CONSTRUCTION EQUIPMENT

A11723 VOLVO A40G DE-1622 (S/N 352023) - BOGIE/CENTER AXLE



Sample No: VCP442520
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: A11723



SAMPLE INFORMATION

Sample Number	VCP442520	VCP365710	VCB0000010	VCB0000028
Sample Date	09 Jan 2024	29 Nov 2022	21 Oct 2021	31 Mar 2021
Machine Hours	3123	2635	2030	1415
Oil Hours	0	0	1000	415
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

DYER QUARRY
P.O. BOX 188, 1275 ROCK HOLLOW ROAD
BIRDSBORO, PA
US 19508
Contact: MATT MCCLELLAND
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T:
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OIL CONDITION

Visc @ 40°C	cSt	49.8	49.7	50.5	50.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	2	0
Sodium	ppm	3	3	<1	4
Potassium	ppm	<1	<1	<1	4

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	61	62	73	50
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	<1	0	0
Chromium	ppm	<1	1	1	1
Molybdenum	ppm	0	2	2	1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	2	2	3	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	12	7	13	10
Magnesium	ppm	0	2	<1	0
Zinc	ppm	0	7	0	5
Phosphorus	ppm	2387	2618	2529	2461
Barium	ppm	0	0	0	0
Boron	ppm	249	289	319	289

Depot: DYEBIR
Unique No: 10822034
Signed: Angela Borella
Report Date: 10 Jan 2024



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GRAPHS

