



CONSTRUCTION EQUIPMENT

A11722 VOLVO A40G DE-1622 (S/N 352023) - REAR AXLE



Sample No: VCP441976
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: A11722



SAMPLE INFORMATION

Sample Number	VCP441976	VCP367413	VCB0000011	VCB0000027
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	ABNORMAL	NORMAL	ABNORMAL

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	51.2	50.5	50.7	50.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	1	0
Sodium	ppm	3	3	<1	4
Potassium	ppm	1	1	<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	49	62	63	46
Copper	ppm	0	<1	<1	0
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	<1	0	0
Chromium	ppm	<1	1	1	1
Molybdenum	ppm	0	<1	1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	2	2	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	13	6	10	10
Magnesium	ppm	0	2	0	<1
Zinc	ppm	0	0	0	6
Phosphorus	ppm	2515	2465	2510	2534
Barium	ppm	0	0	0	0
Boron	ppm	268	284	323	292

Depot: DYEBIR
Unique No: 10822032
Signed: Angela Borella
Report Date: 10 Jan 2024



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GRAPHS

