



CONSTRUCTION EQUIPMENT

VOLVO A30G 752372 - BOGIE/CENTER AXLE



Sample No: VCP434678
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP434678	VCP427189	VCP217872	VCP410842
Sample Date	09 Feb 2024	25 Aug 2023	13 Jul 2023	28 Feb 2023
Machine Hours	2500	3000	3000	2500
Oil Hours	500	1000	1000	500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

SANTA ROSA COUNTY LANDFILLS
 6337 DA LISA RD
 MILTON, FL
 US 32583
 Contact: ROLAND MCKINNON
 rolandm@santarosa.fl.gov
 T: (850)777-0573
 F:



OIL CONDITION

Visc @ 40°C	cSt	142	117	117	118
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	4	4	2
Sodium	ppm	0	<1	0	<1
Potassium	ppm	0	2	2	<1

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	108	79	75	64
Copper	ppm	8	12	12	9
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	1	1	1	<1
Molybdenum	ppm	8	6	8	7
Nickel	ppm	<1	<1	1	0
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	2	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	111	305	299	275
Magnesium	ppm	27	30	25	33
Zinc	ppm	75	168	161	146
Phosphorus	ppm	972	1065	1056	942
Barium	ppm	0	0	0	0
Boron	ppm	173	166	181	174

Depot: SANMILFL
Unique No: 10886185
Signed: Wes Davis
Report Date: 20 Feb 2024



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VOLVO GRAPHS

