



CONSTRUCTION EQUIPMENT

VOLVO A30G 752372 - BOGIE/CENTER AXLE



Sample No: VCP217872

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5

Job No:



SAMPLE INFORMATION

Sample Number	VCP217872	VCP410842	VCP357114	VCP345735
Sample Date	13 Jul 2023	28 Feb 2023	11 Aug 2022	11 Apr 2022
Machine Hours	3000	2500	1500	1000
Oil Hours	1000	500	1500	500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	ABNORMAL	NORMAL	ATTENTION	ATTENTION

SANTA ROSA COUNTY LANDFILLS

6337 DA LISA RD

MILTON, FL

US 32583

Contact: ROLAND MCKINNON

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F:



OIL CONDITION

Visc @ 40°C	cSt	117	118	86.8	87.4
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CONTAMINATION

Silicon	ppm	4	2	4	4
Sodium	ppm	0	<1	0	1
Potassium	ppm	2	<1	4	3



WEAR METALS

Iron	ppm	75	64	256	202
Copper	ppm	12	9	33	27
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	2	2
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	1	<1	5	4
Molybdenum	ppm	8	7	12	10
Nickel	ppm	1	0	1	2
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	3	9	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	299	275	926	1012
Magnesium	ppm	25	33	3	4
Zinc	ppm	161	146	399	420
Phosphorus	ppm	1056	942	1290	1451
Barium	ppm	0	0	5	<1
Boron	ppm	181	174	223	220

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: SANMILFL

Unique No: 10561642

Signed: Sean Felton

Report Date: 19 Jul 2023



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GRAPHS

