



CONSTRUCTION EQUIPMENT

VOLVO A30G 752372 - REAR AXLE



Sample No: VCP410813
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP410813	VCP410818	VCP357105	VCP345736
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
 rolandm@santarosa.fl.gov
 T: (850)777-0573
 F:



OIL CONDITION

Visc @ 40°C	cSt	142	121	98.5	99.3
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CONTAMINATION

Silicon	ppm	9	2	5	3
Sodium	ppm	0	<1	0	1
Potassium	ppm	2	0	4	3



WEAR METALS

Iron	ppm	59	100	358	157
Copper	ppm	6	10	32	23
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	0	2	2
Aluminum	ppm	<1	<1	1	<1
Chromium	ppm	<1	1	6	4
Molybdenum	ppm	8	8	14	8
Nickel	ppm	<1	0	<1	1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	4	12	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	103	211	487	537
Magnesium	ppm	25	31	2	3
Zinc	ppm	70	115	219	231
Phosphorus	ppm	1000	935	1290	1459
Barium	ppm	0	0	4	0
Boron	ppm	190	183	248	241

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: 10561644
Signed: Sean Felton
Report Date: 19 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

