



CONSTRUCTION EQUIPMENT

VOLVO A30G 752372 - FRONT AXLE



Sample No: VCP410838
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP410838	VCP410812	VCP357104	VCP345737
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	1000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	N/A
Sample Status	NORMAL	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	117	117	88.5	89.5
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CONTAMINATION

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



WEAR METALS

Iron	ppm	113	88	308	96
Copper	ppm	11	8	28	22
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	0	2	1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	2	1	5	2
Molybdenum	ppm	9	7	12	4
Nickel	ppm	2	<1	2	2
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	3	3	10	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	297	270	836	902
Magnesium	ppm	28	32	3	3
Zinc	ppm	169	146	362	382
Phosphorus	ppm	1221	957	1277	1458
Barium	ppm	0	0	4	0
Boron	ppm	199	171	223	222

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.

Depot: SANMILFL
Unique No: 10561643
Signed: Wes Davis
Report Date: 18 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

