



CONSTRUCTION EQUIPMENT

VOLVO A30G 752372 - FRONT AXLE



Sample No: VCP427192
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP427192	VCP427188	VCP410838	VCP410812
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	NORMAL	NORMAL

SANTA ROSA COUNTY LANDFILLS
 6337 DA LISA RD
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 F:



OIL CONDITION

Visc @ 40°C	cSt	117	118	117	117
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	3	2
Sodium	ppm	<1	<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	197	105	113	88
Copper	ppm	13	9	11	8
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	0	<1	0	0
Chromium	ppm	3	2	2	1
Molybdenum	ppm	8	6	9	7
Nickel	ppm	2	<1	2	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	4	3	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	318	282	297	270
Magnesium	ppm	27	30	28	32
Zinc	ppm	174	163	169	146
Phosphorus	ppm	1080	1095	1221	957
Barium	ppm	0	0	0	0
Boron	ppm	162	166	199	171

Depot: SANMILFL
Unique No: 10886187
Signed: Wes Davis
Report Date: 20 Feb 2024



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GRAPHS

