



CONSTRUCTION EQUIPMENT

VOLVO A60H 340099 - REAR AXLE



Sample No: VCP429282
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP429282	VCP432959	VCP416649	VCP410300
Sample Date	23 Jan 2024	11 Oct 2023	18 Jul 2023	27 Mar 2023
Machine Hours	8489	7982	7491	7019
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Not Changd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	245	246	245	138
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	3	4
Sodium	ppm	4	3	<1	7
Potassium	ppm	1	0	0	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	20	19	22	63
Copper	ppm	0	<1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	<1	<1	2
Molybdenum	ppm	3	4	5	3
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	422	434	548	1939
Magnesium	ppm	30	41	37	24
Zinc	ppm	215	205	269	823
Phosphorus	ppm	865	942	1126	1048
Barium	ppm	2	0	0	2
Boron	ppm	150	144	192	79

Depot: SAIBIR
Unique No: 10848647
Signed: Sean Felton
Report Date: 30 Jan 2024



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GRAPHS

