



CONSTRUCTION EQUIPMENT

VOLVO A60H 340039 - REAR AXLE



Sample No: VCP441430
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP441430	VCP433246	VCP412640	VCP366100
Sample Date	18 Jan 2024	27 Sep 2023	20 Jun 2023	29 Nov 2022
Machine Hours	8521	8052	7542	7061
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	282	267	264	266
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	2	2
Sodium	ppm	2	<1	<1	<1
Potassium	ppm	1	<1	<1	0

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	5	13	16	10
Copper	ppm	0	0	0	<1
Lead	ppm	0	<1	0	0
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	0	0	0	2
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	6	2	3	3
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	103	83	97	93
Magnesium	ppm	34	12	17	13
Zinc	ppm	96	30	49	52
Phosphorus	ppm	754	892	1006	921
Barium	ppm	<1	0	0	0
Boron	ppm	132	146	187	160

Depot: SAIBIR
Unique No: 10848656
Signed: Sean Felton
Report Date: 30 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

