



CONSTRUCTION EQUIPMENT

VOLVO A60H 340039 - FRONT LEFT FINAL DRIVE



Sample No: VCP412651
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP412651	VCP366101	VCP366692	VCP354398
Sample Date	20 Jun 2023	29 Nov 2022	15 Aug 2022	04 May 2022
Machine Hours	7542	7061	6529	6042
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	274	275	276	126
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CONTAMINATION

Silicon	ppm	2	2	2	5
Sodium	ppm	0	0	0	<1
Potassium	ppm	0	0	<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	19	18	12	45
Copper	ppm	0	<1	<1	7
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	<1	<1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	3	3	8
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	62	74	68	202
Magnesium	ppm	12	15	15	20
Zinc	ppm	31	45	43	92
Phosphorus	ppm	724	915	914	1082
Barium	ppm	0	0	1	0
Boron	ppm	129	159	156	246

Depot: SAIBIR
Unique No: 10538561
Signed: Don Baldrige
Report Date: 04 Jul 2023



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GRAPHS

