



CONSTRUCTION EQUIPMENT

VOLVO A60H 340039 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP410907
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP410907	VCP388275	VCP365462	VCP354396
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	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	272	270	269	116
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CONTAMINATION

Silicon	ppm	3	1	1	2
Sodium	ppm	<1	<1	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	41	16	14	84
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	1	<1	<1	2
Molybdenum	ppm	2	2	2	4
Nickel	ppm	<1	0	<1	1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	89	76	77	163
Magnesium	ppm	14	10	12	6
Zinc	ppm	45	44	46	73
Phosphorus	ppm	1039	846	905	1187
Barium	ppm	0	0	<1	0
Boron	ppm	185	143	149	243

Depot: SAIBIR
Unique No: 10538564
Signed: Don Baldrige
Report Date: 04 Jul 2023



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GRAPHS

