



CONSTRUCTION EQUIPMENT

VOLVO A60H 340039 - REAR LEFT FINAL DRIVE



Sample No: VCP412505
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP412505	VCP383820	VCP365464	VCP362934
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	267	266	269	127
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CONTAMINATION

Silicon	ppm	2	2	2	2
Sodium	ppm	<1	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	15	10	8	39
Copper	ppm	0	0	<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	<1
Molybdenum	ppm	3	2	2	5
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	97	94	87	172
Magnesium	ppm	16	14	14	13
Zinc	ppm	48	53	49	81
Phosphorus	ppm	994	931	893	1047
Barium	ppm	0	0	1	0
Boron	ppm	183	161	152	241

Depot: SAIBIR
Unique No: 10538567
Signed: Don Baldrige
Report Date: 04 Jul 2023



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VOLVO GRAPHS

