



CONSTRUCTION EQUIPMENT

VOLVO A60H 340039 - FRONT RIGHT FINAL DRIVE



Sample No: VCP412654
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP412654	VCP387918	VCP366691	VCP354395
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	276	273	273	126
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CONTAMINATION

Silicon	ppm	3	2	2	4
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	34	20	12	41
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	<1
Molybdenum	ppm	3	3	3	8
Nickel	ppm	<1	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	80	78	68	88
Magnesium	ppm	19	16	15	20
Zinc	ppm	42	47	42	49
Phosphorus	ppm	1022	937	891	1094
Barium	ppm	0	0	1	0
Boron	ppm	188	163	152	254

Depot: SAIBIR
Unique No: 10538580
Signed: Don Baldrige
Report Date: 04 Jul 2023



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GRAPHS

