



CONSTRUCTION EQUIPMENT

SWO-063883 VOLVO A60H 350067 - REAR LEFT FINAL DRIVE



Sample No: VCP404610
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-063883



SAMPLE INFORMATION

Sample Number	VCP404610	VCP408074	VCP366094	VCP354692
Sample Date	12 Jul 2023	31 Mar 2023	09 Nov 2022	02 Aug 2022
Machine Hours	5889	5382	4893	4363
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	288	285	290	298
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CONTAMINATION

Silicon	ppm	3	3	2	2
Sodium	ppm	0	0	0	0
Potassium	ppm	1	<1	0	<1

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	35	25	10	8
Copper	ppm	2	2	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	3	3	2	3
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	123	121	103	109
Magnesium	ppm	20	23	20	22
Zinc	ppm	72	73	22	70
Phosphorus	ppm	999	993	861	992
Barium	ppm	0	0	0	2
Boron	ppm	167	173	159	166

Depot: SAIBIR
Unique No: 10561655
Signed: Sean Felton
Report Date: 19 Jul 2023



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VOLVO GRAPHS

