



CONSTRUCTION EQUIPMENT

SWO-068207 VOLVO A60H 350190 - FRONT RIGHT FINAL DRIVE



Sample No: VCP428699
Oil Type: NOT GIVEN
Job No: SWO-068207



SAMPLE INFORMATION

Sample Number	VCP428699	VCP433937	VCP395259	VCP388388
Sample Date	12 Dec 2023	05 Sep 2023	05 May 2023	19 Jan 2023
Machine Hours	3131	2618	2128	1651
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	48.0	48.7	48.8	49.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	2	2
Sodium	ppm	2	3	2	2
Potassium	ppm	2	3	3	3

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	103	172	179	90
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	<1	3	3	1
Molybdenum	ppm	<1	<1	2	1
Nickel	ppm	0	<1	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	5	5	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	315	330	326	314
Magnesium	ppm	<1	2	<1	<1
Zinc	ppm	148	146	147	151
Phosphorus	ppm	2336	2340	2395	2208
Barium	ppm	0	0	0	0
Boron	ppm	266	289	269	264

Depot: SAIBIR
Unique No: 10793436
Signed: Don Baldrige
Report Date: 20 Dec 2023



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GRAPHS

