



CONSTRUCTION EQUIPMENT

SWO-071394 VOLVO A60H 350187 - REAR RIGHT FINAL DRIVE



Sample No: VCP452738
Oil Type: {unknown}
Job No: SWO-071394



SAMPLE INFORMATION

Sample Number	VCP452738	VCP442660	VCP402474	VCP388252
Sample Date	29 Apr 2024	11 Jan 2024	28 Feb 2023	14 Oct 2022
Machine Hours	3015	2513	1556	1098
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	49.5	51.2	49.7	49.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	3	3
Sodium	ppm	<1	3	2	<1
Potassium	ppm	3	<1	<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	47	111	103	102
Copper	ppm	2	1	1	<1
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	0	<1	0
Chromium	ppm	<1	2	2	2
Molybdenum	ppm	1	3	3	3
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	6	6	6
Vanadium	ppm	<1	<1	0	<1



ADDITIVES

Calcium	ppm	370	318	370	332
Magnesium	ppm	2	<1	5	0
Zinc	ppm	158	143	152	141
Phosphorus	ppm	2279	2200	2134	2148
Barium	ppm	0	<1	0	0
Boron	ppm	320	251	282	264

Depot: SAIBIR
Unique No: 11009505
Signed: Don Baldrige
Report Date: 07 May 2024



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GRAPHS

