



CONSTRUCTION EQUIPMENT

127756 VOLVO A60H 350019 - BOGIE/CENTER AXLE



Sample No: VCP318530
Oil Type: GEAR OIL SAE 80W90
Job No: 127756



SAMPLE INFORMATION

Sample Number	VCP318530	VCP294738	VCP271840	VCP293190
Sample Date	07 Aug 2021	03 Mar 2021	22 Jan 2021	12 Oct 2020
Machine Hours	3377	2742	2583	2146
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ROMCO INC - AUSTIN BRANCH
 1150 WEST OLD SETTLERS BOULEVARD
 ROUNDROCK, TX
 US 78681
 Contact: MATT MACHANN
 mmachann@romco.com
 T: (832)270-0121
 F: (512)845-7565



OIL CONDITION

Visc @ 40°C	cSt	130	115	114	47.9
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CONTAMINATION

Silicon	ppm	<1	1	2	4
Sodium	ppm	0	<1	1	2
Potassium	ppm	1	3	0	9

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	26	72	74	252
Copper	ppm	<1	<1	<1	2
Lead	ppm	0	2	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	<1	2	2	6
Molybdenum	ppm	1	3	0	3
Nickel	ppm	<1	<1	<1	3
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	2	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	48	76	88	360
Magnesium	ppm	2	4	7	2
Zinc	ppm	12	34	40	148
Phosphorus	ppm	1063	1062	1167	2342
Barium	ppm	0	0	0	0
Boron	ppm	224	167	178	252

Depot: VOLVO0088
Unique No: 9623259
Signed: Wes Davis
Report Date: 19 Aug 2021



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GRAPHS

