



CONSTRUCTION EQUIPMENT

SWO-064541 VOLVO A60H 350051 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP417542
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-064541



SAMPLE INFORMATION

Sample Number	VCP417542	VCP424710	VCP380968	VCP364264
Sample Date	03 Aug 2023	28 Apr 2023	21 Dec 2022	31 Aug 2022
Machine Hours	6858	6390	5828	5303
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	280	278	136	138
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CONTAMINATION

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



WEAR METALS

Iron	ppm	61	82	25	19
Copper	ppm	1	<1	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	0
Chromium	ppm	1	2	<1	<1
Molybdenum	ppm	2	2	3	3
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	2	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	91	60	59	45
Magnesium	ppm	12	13	25	18
Zinc	ppm	54	48	84	75
Phosphorus	ppm	1026	1090	1007	936
Barium	ppm	0	0	0	0
Boron	ppm	195	178	50	60

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.

Depot: SAIBIR
Unique No: 10589863
Signed: Sean Felton
Report Date: 08 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

