



CONSTRUCTION EQUIPMENT

SWO-071763 VOLVO A60H 340039 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP450919
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-071763



SAMPLE INFORMATION

Sample Number	VCP450919	VCP440679	VCP433639	VCP410908
Sample Date	07 May 2024	18 Jan 2024	27 Sep 2023	20 Jun 2023
Machine Hours	9022	8521	8052	7542
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	279	279	270	272
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	3	2	2
Sodium	ppm	0	2	1	0
Potassium	ppm	2	2	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	30	16	32	36
Copper	ppm	2	0	<1	0
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	2	0	0	0
Chromium	ppm	<1	0	<1	1
Molybdenum	ppm	8	6	2	2
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	226	102	76	88
Magnesium	ppm	36	34	12	14
Zinc	ppm	150	94	28	45
Phosphorus	ppm	908	757	933	1033
Barium	ppm	2	<1	0	0
Boron	ppm	153	133	149	186

Depot: SAIBIR
Unique No: 11021935
Signed: Sean Felton
Report Date: 14 May 2024



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GRAPHS

