



CONSTRUCTION EQUIPMENT

SWO073151 VOLVO A60H 350021 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP443915
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO073151



SAMPLE INFORMATION

Sample Number	VCP443915	VCP444441	VCP427481	VCP424807
Sample Date	26 Jun 2024	15 Feb 2024	25 Sep 2023	12 Jun 2023
Machine Hours	8427	7887	7398	6877
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	268	332	327	331
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	2	2	1
Sodium	ppm	1	<1	0	0
Potassium	ppm	2	<1	<1	<1

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	10	34	15	11
Copper	ppm	1	0	0	<1
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	2	0
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	10	0	1	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	157	77	78	77
Magnesium	ppm	51	11	11	10
Zinc	ppm	134	65	59	71
Phosphorus	ppm	1074	1073	1143	1045
Barium	ppm	0	0	0	2
Boron	ppm	163	164	186	184

Depot: SAIBIR
Unique No: 11114011
Signed: Don Baldrige
Report Date: 10 Jul 2024

VOLVO **GRAPHS**

