



CONSTRUCTION EQUIPMENT

SWO-069775 VOLVO A60H 350021 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP444441
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-069775



SAMPLE INFORMATION

Sample Number	VCP444441	VCP427481	VCP424807	VCP408960
Sample Date	15 Feb 2024	25 Sep 2023	12 Jun 2023	12 Jun 2023
Machine Hours	7887	7398	6877	6877
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	332	327	331	326
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	1	2
Sodium	ppm	<1	0	0	0
Potassium	ppm	<1	<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	34	15	11	14
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	2	0	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	1	2	2
Nickel	ppm	<1	0	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	77	78	77	77
Magnesium	ppm	11	11	10	9
Zinc	ppm	65	59	71	72
Phosphorus	ppm	1073	1143	1045	1057
Barium	ppm	0	0	2	2
Boron	ppm	164	186	184	184

Depot: SAIBIR
Unique No: 10900279
Signed: Jonathan Hester
Report Date: 29 Feb 2024



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VOLVO GRAPHS

