



CONSTRUCTION EQUIPMENT

SWO-06927 VOLVO A60H 350022 - FRONT RIGHT FINAL DRIVE



Sample No: VCP441449
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-06927



SAMPLE INFORMATION

Sample Number	VCP441449	VCP427436	VCP424706	VCP369324
Sample Date	23 Jan 2024	27 Sep 2023	01 May 2023	29 Nov 2022
Machine Hours	7905	7399	6905	6420
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	309	309	306	305
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	1
Sodium	ppm	0	0	1	<1
Potassium	ppm	2	0	<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	54	44	41	12
Copper	ppm	0	0	1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	2	0	<1
Chromium	ppm	1	1	1	<1
Molybdenum	ppm	2	2	3	2
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	109	113	107	111
Magnesium	ppm	21	20	22	15
Zinc	ppm	90	77	79	82
Phosphorus	ppm	1089	1156	1041	874
Barium	ppm	0	0	0	0
Boron	ppm	195	185	154	142

Depot: SAIBIR
Unique No: 10849936
Signed: Don Baldrige
Report Date: 31 Jan 2024



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GRAPHS

