



CONSTRUCTION EQUIPMENT

SWO-06927 VOLVO A60H 350022 - REAR AXLE



Sample No: VCP441026
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-06927



SAMPLE INFORMATION

Sample Number	VCP441026	VCP427442	VCP402737	VCP366104
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	299	298	300	297
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	1	1
Sodium	ppm	0	0	1	0
Potassium	ppm	2	<1	0	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	21	18	17	8
Copper	ppm	0	0	1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	2	0	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	2	3	3
Nickel	ppm	0	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	126	131	119	125
Magnesium	ppm	25	24	25	22
Zinc	ppm	100	88	85	93
Phosphorus	ppm	1106	1158	1044	997
Barium	ppm	0	0	0	0
Boron	ppm	199	186	155	163

Depot: SAIBIR
Unique No: 10849930
Signed: Don Baldrige
Report Date: 31 Jan 2024



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VOLVO GRAPHS

