



CONSTRUCTION EQUIPMENT

SWO-064541 VOLVO A60H 350051 - FRONT RIGHT FINAL DRIVE



Sample No: VCP415955
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-064541



SAMPLE INFORMATION

Sample Number	VCP415955	VCP424705	VCP393677	VCP364221
Sample Date	03 Aug 2023	28 Apr 2023	21 Dec 2022	31 Aug 2022
Machine Hours	6858	6390	5828	5303
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	275	274	137	137
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CONTAMINATION

Silicon	ppm	3	4	2	1
Sodium	ppm	0	<1	<1	0
Potassium	ppm	2	1	<1	0

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	77	86	42	32
Copper	ppm	<1	<1	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	0
Chromium	ppm	2	2	1	<1
Molybdenum	ppm	2	2	3	3
Nickel	ppm	<1	1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	2	3	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	61	60	54	41
Magnesium	ppm	13	15	26	17
Zinc	ppm	49	52	83	73
Phosphorus	ppm	1053	1088	1013	930
Barium	ppm	0	0	0	0
Boron	ppm	189	168	50	59

Depot: SAIBIR
Unique No: 10589843
Signed: Sean Felton
Report Date: 08 Aug 2023



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GRAPHS

