



# CONSTRUCTION EQUIPMENT

## VOLVO A60H 350022 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP450816  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP450816</b>	VCP443292	VCP427443	VCP424698
Sample Date	<b>06 Jun 2024</b>	23 Jan 2024	27 Sep 2023	01 May 2023
Machine Hours	<b>8426</b>	7905	7399	6905
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>282</b>	310	310	308
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	2	2	2
Sodium	ppm	<b>0</b>	0	0	< 1
Potassium	ppm	<b>1</b>	2	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. Confirm oil type. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>20</b>	54	43	41
Copper	ppm	<b>&lt; 1</b>	0	0	1
Lead	ppm	<b>&lt; 1</b>	0	0	0
Tin	ppm	<b>&lt; 1</b>	0	0	0
Aluminum	ppm	<b>2</b>	< 1	2	0
Chromium	ppm	<b>&lt; 1</b>	1	1	1
Molybdenum	ppm	<b>10</b>	2	2	3
Nickel	ppm	<b>0</b>	< 1	< 1	< 1
Titanium	ppm	<b>&lt; 1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	2	2	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>134</b>	110	113	109
Magnesium	ppm	<b>47</b>	21	20	20
Zinc	ppm	<b>123</b>	91	79	79
Phosphorus	ppm	<b>903</b>	1095	1163	1030
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>169</b>	198	184	152

**Depot:** SAIBIR  
**Unique No:** 11075570  
**Signed:** Don Baldrige  
**Report Date:** 14 Jun 2024



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## VOLVO GRAPHS

