



CONSTRUCTION EQUIPMENT

SWO-066610 VOLVO A60H 340099 - FRONT RIGHT FINAL DRIVE



Sample No: VCP429379
Oil Type: GEAR OIL LS 80W90
Job No: SWO-066610



SAMPLE INFORMATION

Sample Number	VCP429379	VCP416647	VCP410205	VCP383699
Sample Date	11 Oct 2023	18 Jul 2023	27 Mar 2023	14 Oct 2022
Machine Hours	7982	7491	7019	6595
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
BIRMINGHAM, AL
US 35207

Contact: STEPHANI BRITTON
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OIL CONDITION

Visc @ 40°C	cSt	259	259	137	139
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CONTAMINATION

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



WEAR METALS

Iron	ppm	7	9	34	20
Copper	ppm	<1	1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	0
Chromium	ppm	0	<1	1	<1
Molybdenum	ppm	4	5	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	2	1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	164	231	719	720
Magnesium	ppm	42	36	15	12
Zinc	ppm	85	130	330	316
Phosphorus	ppm	918	1083	990	936
Barium	ppm	0	0	0	0
Boron	ppm	158	205	137	136

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.

Depot: SAIBIR
Unique No: 10698755
Signed: Sean Felton
Report Date: 19 Oct 2023



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GRAPHS

