



CONSTRUCTION EQUIPMENT

134249 VOLVO A40G 352811 - FRONT AXLE



Sample No: VCP433906
Oil Type: GEAR OIL SAE 80W90
Job No: 134249



SAMPLE INFORMATION

Sample Number	VCP433906	VCP426969	VCP408766	VCP410505
Sample Date	06 Sep 2023	10 Jul 2023	15 May 2023	24 Mar 2023
Machine Hours	5919	5448	4955	4491
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE
 14242 S SH-34
 SCURRY, TX
 US 75158
 Contact: WALLACE WARREN
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	130	130	131	131
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CONTAMINATION

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

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	17	14	18	15
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	2	2	1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	73	75	55	57
Magnesium	ppm	10	8	11	5
Zinc	ppm	40	35	31	31
Phosphorus	ppm	974	982	967	967
Barium	ppm	0	0	0	0
Boron	ppm	198	224	190	204

Depot: LATSCU
Unique No: 10662690
Signed: Wes Davis
Report Date: 27 Sep 2023



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GRAPHS

