



CONSTRUCTION EQUIPMENT

133669 VOLVO A40G 352811 - FRONT AXLE



Sample No: VCP426969
Oil Type: GEAR OIL SAE 80W90
Job No: 133669



SAMPLE INFORMATION

Sample Number	VCP426969	VCP408766	VCP410505	VCP411314
Sample Date	10 Jul 2023	15 May 2023	24 Mar 2023	23 Jan 2023
Machine Hours	5448	4955	4491	4004
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
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	131	131	130
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CONTAMINATION

Silicon	ppm	<1	<1	0	<1
Sodium	ppm	<1	<1	<1	0
Potassium	ppm	0	3	<1	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	14	18	15	13
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	0	0
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	2	1	<1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	75	55	57	69
Magnesium	ppm	8	11	5	6
Zinc	ppm	35	31	31	37
Phosphorus	ppm	982	967	967	931
Barium	ppm	0	0	0	0
Boron	ppm	224	190	204	180

Depot: LATSCU
Unique No: 10572489
Signed: Wes Davis
Report Date: 25 Jul 2023



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VOLVO GRAPHS

