



CONSTRUCTION EQUIPMENT

133991 VOLVO A40G 352810 - FRONT AXLE



Sample No: VCP410088
Oil Type: GEAR OIL SAE 80W90
Job No: 133991



SAMPLE INFORMATION

Sample Number	VCP410088	VCP418740	VCP410875	VCP383183
Sample Date	04 Aug 2023	05 Jun 2023	10 Apr 2023	20 Feb 2023
Machine Hours	5500	4941	4420	4017
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	131	129	129	134
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CONTAMINATION

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



WEAR METALS

Iron	ppm	18	13	10	25
Copper	ppm	0	0	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	2	<1	<1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	2	2	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	37	81	131	46
Magnesium	ppm	3	5	8	4
Zinc	ppm	18	34	53	27
Phosphorus	ppm	980	726	964	976
Barium	ppm	2	0	0	2
Boron	ppm	211	142	195	207

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.

Depot: LATSCU
Unique No: 10603745
Signed: Wes Davis
Report Date: 15 Aug 2023



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GRAPHS

