



CONSTRUCTION EQUIPMENT

134054 VOLVO A45G 352200 - BOGIE/CENTER AXLE



Sample No: VCP423771
Oil Type: GEAR OIL SAE 80W90
Job No: 134054



SAMPLE INFORMATION

Sample Number	VCP423771	VCP424729	VCP315589	VCP382536
Sample Date	11 Aug 2023	16 Jun 2023	14 Apr 2023	15 Feb 2023
Machine Hours	10466	9998	9469	9006
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
 wallace.warren@lafargeholcim.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	130	130	129	130
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CONTAMINATION

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



WEAR METALS

Iron	ppm	16	15	10	8
Copper	ppm	<1	0	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	1
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	60	87	99	81
Magnesium	ppm	4	3	3	8
Zinc	ppm	26	40	35	46
Phosphorus	ppm	995	1026	977	984
Barium	ppm	0	0	0	<1
Boron	ppm	224	205	208	204

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: 10617703
Signed: Wes Davis
Report Date: 24 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

