



CONSTRUCTION EQUIPMENT

VOLVO A30G 742143 - BOGIE/CENTER AXLE



Sample No: VCP429229
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP429229	VCP244152	VCP241116	---
Sample Date	04 Oct 2023	02 Jul 2019	16 Feb 2019	---
Machine Hours	5468	1246	592	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rturner@ripatampa.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	273	53.8	61.2	---
-------------	-----	------------	------	------	-----



CONTAMINATION

Silicon	ppm	2	5	2	---
Sodium	ppm	0	4	4	---
Potassium	ppm	1	2	2	---



WEAR METALS

Iron	ppm	35	147	213	---
Copper	ppm	3	6	13	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	<1	2	5	---
Molybdenum	ppm	3	<1	2	---
Nickel	ppm	<1	<1	3	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	4	13	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	119	13	64	---
Magnesium	ppm	21	0	0	---
Zinc	ppm	65	7	15	---
Phosphorus	ppm	984	2007	1390	---
Barium	ppm	0	0	0	---
Boron	ppm	178	231	183	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W140. Please confirm.
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: RIPTAM
Unique No: 10701200
Signed: Wes Davis
Report Date: 20 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

