



CONSTRUCTION EQUIPMENT

VOLVO A30G 742143 - FRONT AXLE



Sample No: VCP416717
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP416717	VCP244155	VCP241344	---
Sample Date	09 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	NORMAL	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: PM Services
PMServices@ripaconstruction.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	273	55.7	61.52	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	36	153	240	---
Copper	ppm	3	7	18	---
Lead	ppm	0	2	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	1	<1	0	---
Chromium	ppm	<1	3	6	---
Molybdenum	ppm	3	<1	3	---
Nickel	ppm	<1	<1	3	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	4	14	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	95	10	39	---
Magnesium	ppm	21	0	0	---
Zinc	ppm	59	6	7	---
Phosphorus	ppm	981	2012	1401	---
Barium	ppm	0	0	0	---
Boron	ppm	176	224	182	---

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: 10701204
Signed: Wes Davis
Report Date: 20 Oct 2023



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GRAPHS

