



CONSTRUCTION EQUIPMENT

VOLVO A30G 742143 - REAR AXLE



Sample No: VCP416362
Oil Type: GEAR OIL SAE 80W140
Job No:



SAMPLE INFORMATION

Sample Number	VCP416362	VCP244151	VCP241121	---
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	54.6	62.08	---
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CONTAMINATION

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

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.

WEAR METALS

Iron	ppm	35	109	178	---
Copper	ppm	3	5	13	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	1	<1	1	---
Chromium	ppm	<1	2	4	---
Molybdenum	ppm	3	2	3	---
Nickel	ppm	<1	<1	2	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	1	0	---
Manganese	ppm	<1	5	12	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	93	49	42	---
Magnesium	ppm	21	5	0	---
Zinc	ppm	58	24	10	---
Phosphorus	ppm	995	1985	1372	---
Barium	ppm	0	0	0	---
Boron	ppm	182	230	181	---

Depot: RIPTAM
Unique No: 10701205
Signed: Wes Davis
Report Date: 20 Oct 2023



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GRAPHS

