



CONSTRUCTION EQUIPMENT

568198 VOLVO A30G 752866 - FRONT AXLE



Sample No: VCP422143
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 568198



SAMPLE INFORMATION

Sample Number	VCP422143	VCP402757	---	---
Sample Date	05 Jul 2023	13 Feb 2023	---	---
Machine Hours	1096	526	---	---
Oil Hours	500	526	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

RIPA AND ASSOCIATES

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



OIL CONDITION

Visc @ 40°C	cSt	199	89.7	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	3	5	---	---
Sodium	ppm	<1	1	---	---
Potassium	ppm	1	4	---	---

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.



WEAR METALS

Iron	ppm	106	252	---	---
Copper	ppm	7	15	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	2	6	---	---
Molybdenum	ppm	5	11	---	---
Nickel	ppm	1	4	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	9	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	306	906	---	---
Magnesium	ppm	15	4	---	---
Zinc	ppm	138	381	---	---
Phosphorus	ppm	1082	1271	---	---
Barium	ppm	0	3	---	---
Boron	ppm	172	254	---	---

Depot: RIPTAM
Unique No: 10551172
Signed: Sean Felton
Report Date: 13 Jul 2023



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GRAPHS

