



CONSTRUCTION EQUIPMENT

593679 VOLVO A30G 742129 - FRONT AXLE



Sample No: VCP417071
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 593679



SAMPLE INFORMATION

Sample Number	VCP417071	VCP386645	VCP360656	VCP288445
Sample Date	12 Aug 2023	21 Dec 2022	11 Apr 2022	22 Oct 2020
Machine Hours	9111	8052	7176	5286
Oil Hours	1000	2000	1000	1000
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	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	256	277	276	193
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CONTAMINATION

Silicon	ppm	7	6	5	3
Sodium	ppm	<1	<1	<1	2
Potassium	ppm	2	<1	0	0

WEAR METALS

Iron	ppm	67	269	274	224
Copper	ppm	<1	4	3	6
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	0	1	<1	0
Chromium	ppm	1	5	5	4
Molybdenum	ppm	1	4	4	6
Nickel	ppm	<1	4	3	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	4	4	4
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	92	78	71	218
Magnesium	ppm	15	18	17	6
Zinc	ppm	116	61	51	87
Phosphorus	ppm	997	981	1023	1147
Barium	ppm	0	0	0	0
Boron	ppm	162	171	204	192

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: RIPTAM
Unique No: 10642025
Signed: Wes Davis
Report Date: 11 Sep 2023



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GRAPHS

