



CONSTRUCTION EQUIPMENT

VOLVO A30G 742585 - BOGIE/CENTER AXLE



Sample No: VCP425825
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP425825	VCP385970	VCP374235	VCP345721
Sample Date	29 Sep 2023	01 Nov 2022	04 May 2022	20 Dec 2021
Machine Hours	6229	5235	4244	3384
Oil Hours	0	1000	2000	1300
Oil Changed	N/A	Not Changd	Changed	Not Changd
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	259	282	264	281
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CONTAMINATION

Silicon	ppm	7	6	8	30
Sodium	ppm	<1	<1	2	2
Potassium	ppm	3	0	0	2



WEAR METALS

Iron	ppm	202	124	408	312
Copper	ppm	8	27	95	59
Lead	ppm	0	0	1	<1
Tin	ppm	<1	<1	4	3
Aluminum	ppm	6	<1	<1	4
Chromium	ppm	3	1	4	4
Molybdenum	ppm	5	3	7	7
Nickel	ppm	1	0	2	2
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	3	1	4	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	31	143	128	68
Magnesium	ppm	8	9	13	14
Zinc	ppm	30	73	59	33
Phosphorus	ppm	1133	936	947	1060
Barium	ppm	0	0	0	0
Boron	ppm	161	186	166	174

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: 10675829
Signed: Wes Davis
Report Date: 05 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

