



CONSTRUCTION EQUIPMENT

580566 VOLVO A30G 752343 - REAR AXLE



Sample No: VCP393747
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 580566



SAMPLE INFORMATION

Sample Number	VCP393747	VCP379663	VCP354000	VCP330266
Sample Date	21 Jul 2023	26 Jan 2023	05 Aug 2022	09 Mar 2022
Machine Hours	3990	3025	2078	1178
Oil Hours	3490	1500	1500	1178
Oil Changed	Changed	Not Changd	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
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OIL CONDITION

Visc @ 40°C	cSt	85.2	82.5	91.4	90.8
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CONTAMINATION

Silicon	ppm	8	6	7	6
Sodium	ppm	0	2	2	<1
Potassium	ppm	4	2	2	<1



WEAR METALS

Iron	ppm	417	282	392	337
Copper	ppm	79	82	58	50
Lead	ppm	<1	0	0	<1
Tin	ppm	4	4	3	2
Aluminum	ppm	1	<1	1	<1
Chromium	ppm	7	4	6	6
Molybdenum	ppm	8	10	9	8
Nickel	ppm	6	3	4	4
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	13	9	12	11
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	636	890	614	668
Magnesium	ppm	5	6	4	5
Zinc	ppm	283	377	272	267
Phosphorus	ppm	1314	1248	1335	1334
Barium	ppm	6	3	1	0
Boron	ppm	237	191	261	250

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: 10602483
Signed: Sean Felton
Report Date: 14 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

