



CONSTRUCTION EQUIPMENT

VOLVO A30G 742023 - REAR AXLE



Sample No: VCP440137
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP440137	VCP436062	VCP393399	VCP359383
Sample Date	02 Apr 2024	11 Sep 2023	08 Mar 2023	20 Apr 2022
Machine Hours	9289	8246	7220	6218
Oil Hours	0	4000	1500	2000
Oil Changed	N/A	Changed	Not Changd	Changed
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	244	142	111	258
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	4	5	3
Sodium	ppm	0	0	1	0
Potassium	ppm	0	<1	0	<1

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	59	127	37	127
Copper	ppm	4	6	4	10
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	0	<1
Aluminum	ppm	0	0	1	<1
Chromium	ppm	0	2	<1	2
Molybdenum	ppm	3	2	1	1
Nickel	ppm	0	1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	2	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	205	93	471	152
Magnesium	ppm	41	5	4	5
Zinc	ppm	136	47	249	67
Phosphorus	ppm	1251	1424	1279	1031
Barium	ppm	0	1	0	0
Boron	ppm	173	187	143	138

Depot: RIPTAM
Unique No: 11056499
Signed: Wes Davis
Report Date: 31 May 2024



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VOLVO GRAPHS

