



CONSTRUCTION EQUIPMENT

658711 VOLVO A30G 742060 - DROP BOX



Sample No: VCP440612
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 658711



SAMPLE INFORMATION

Sample Number	VCP440612	VCP398965	VCP377371	VCP332732
Sample Date	06 Jan 2024	13 Dec 2022	21 Jun 2022	24 Feb 2022
Machine Hours	9195	8120	7206	6292
Oil Hours	1000	4000	1500	2000
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	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	267	269	242	186
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	45	4	3
Sodium	ppm	0	<1	<1	<1
Potassium	ppm	<1	0	0	0

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	29	492	135	183
Copper	ppm	7	▲ 46	3	6
Lead	ppm	<1	<1	<1	0
Tin	ppm	<1	2	1	0
Aluminum	ppm	1	4	<1	<1
Chromium	ppm	<1	8	2	3
Molybdenum	ppm	22	9	2	9
Nickel	ppm	<1	4	1	<1
Titanium	ppm	<1	1	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	1	12	2	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	132	52	102	115
Magnesium	ppm	43	8	5	26
Zinc	ppm	88	55	76	55
Phosphorus	ppm	1066	1067	1109	1157
Barium	ppm	0	0	0	0
Boron	ppm	163	194	218	170

Depot: RIPTAM
Unique No: 10862341
Signed: Don Baldrige
Report Date: 07 Feb 2024



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VOLVO GRAPHS

