



CONSTRUCTION EQUIPMENT

687484 VOLVO A30G 752866 - DROP BOX



Sample No: VCP444137
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 687484



SAMPLE INFORMATION

Sample Number	VCP444137	VCP422144	---	---
Sample Date	15 Mar 2024	05 Jul 2023	---	---
Machine Hours	2208	1096	---	---
Oil Hours	2208	1096	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ATTENTION	ATTENTION	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: PM Services
PMServices@ripaconstruction.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	46.5	47.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	41	35	---	---
Sodium	ppm	2	5	---	---
Potassium	ppm	0	2	---	---



WEAR METALS

Iron	ppm	96	56	---	---
Copper	ppm	2	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	16	9	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	8	8	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	43	59	---	---
Magnesium	ppm	3	2	---	---
Zinc	ppm	61	46	---	---
Phosphorus	ppm	2634	2429	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	150	187	---	---

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 oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: RIPTAM
Unique No: 10976316
Signed: Don Baldrige
Report Date: 15 Apr 2024



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GRAPHS

