



CONSTRUCTION EQUIPMENT

SW1033699 VOLVO A30G 752494 - FRONT AXLE



Sample No: VCP395700
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW1033699



SAMPLE INFORMATION

Sample Number	VCP395700	---	---	---
Sample Date	02 May 2024	---	---	---
Machine Hours	3088	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

ARNOLD MACHINERY COMPANY
 4136 NORTH DONOVAN WAY
 LAS VEGAS, NV
 US 89030
 Contact: TONY SHAW
 tshaw@arnoldmachinery.com
 T: (702)642-9000
 F:



OIL CONDITION

Visc @ 40°C	cSt	● 107	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 21	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 5	---	---	---



WEAR METALS

Iron	ppm	■ 327	---	---	---
Copper	ppm	■ 22	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	■ 8	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	● 2555	---	---	---
Magnesium	ppm	■ 43	---	---	---
Zinc	ppm	● 1019	---	---	---
Phosphorus	ppm	■ 870	---	---	---
Barium	ppm	■ 4	---	---	---
Boron	ppm	● 18	---	---	---

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. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO5856
Unique No: 11021930
Signed: Sean Felton
Report Date: 14 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

