



CONSTRUCTION EQUIPMENT

SW1028121 ODDONETTO VOLVO A40G 340471 - FRONT AXLE



Sample No: VCP430501
Oil Type: GEAR OIL SAE 80W90
Job No: SW1028121 ODDONETTO



SAMPLE INFORMATION

Sample Number	VCP430501	VCP316312	---	---
Sample Date	29 Dec 2023	15 Jul 2021	---	---
Machine Hours	8301	7149	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	ATTENTION	---	---

ARNOLD MACHINERY COMPANY
 4323 EAST WINSLOW AVENUE
 PHOENIX, AZ
 US 85040
 Contact: RANDY PRZEKURAT
 randyp@arnoldmachinery.com
 T:
 F: (602)414-1904



OIL CONDITION

Visc @ 40°C	cSt	█ 159	▲ 156	---	---
-------------	-----	-------	-------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 4	█ 2	---	---
Sodium	ppm	█ 0	█ 3	---	---
Potassium	ppm	█ 1	█ 0	---	---



WEAR METALS

Iron	ppm	█ 72	█ 50	---	---
Copper	ppm	█ 2	█ <1	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 2	█ <1	---	---
Chromium	ppm	█ 1	█ <1	---	---
Molybdenum	ppm	█ 3	█ 2	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ 6	█ 4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 97	█ 90	---	---
Magnesium	ppm	█ 13	█ 13	---	---
Zinc	ppm	█ 44	█ 40	---	---
Phosphorus	ppm	█ 1381	█ 1372	---	---
Barium	ppm	█ 8	█ 0	---	---
Boron	ppm	█ 194	█ 249	---	---

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: VOLVO6174
Unique No: 10820318
Signed: Wes Davis
Report Date: 09 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

