



CONSTRUCTION EQUIPMENT

SW1029238 UPPER VAL VOLVO G930 41244 - REAR AXLE



Sample No: VCP419426
Oil Type: SAE 80
Job No: SW1029238 UPPER VAL



ARNOLD MACHINERY COMPANY
3330 NORTH YELLOWSTONE HIGHWAY
IDAHO FALLS, ID
US 83401
Contact: JASON MERRILL
jmerrill@arnoldmachinery.com
T: (208)523-0822
F: (208)523-9918



SAMPLE INFORMATION

Sample Number	VCP419426	---	---	---
Sample Date	24 Jan 2024	---	---	---
Machine Hours	7816	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 65.7	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 35	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 433	---	---	---
Copper	ppm	▲ 53	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 27	---	---	---
Nickel	ppm	█ 5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3340	---	---	---
Magnesium	ppm	█ 10	---	---	---
Zinc	ppm	█ 1401	---	---	---
Phosphorus	ppm	█ 1151	---	---	---
Barium	ppm	█ 6	---	---	---
Boron	ppm	█ 113	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0077
Unique No: 10858218
Signed: Sean Felton
Report Date: 02 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

