



CONSTRUCTION EQUIPMENT

SW1029238 UPPER VAL VOLVO G930 41244 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP419433
Oil Type: TDTO FLUID SAE 20
Job No: SW1029238 UPPER VAL



SAMPLE INFORMATION

Sample Number	VCP419433	---	---	---
Sample Date	24 Jan 2024	---	---	---
Machine Hours	7816	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY
3330 NORTH YELLOWSTONE HIGHWAY
IDAHO FALLS, ID
US 83401
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OIL CONDITION

Visc @ 40°C	cSt	■ 59.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 20	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDTO FLUID SAE 20. Please confirm. 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	■ 162	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 2744	---	---	---
Magnesium	ppm	■ 11	---	---	---
Zinc	ppm	■ 1229	---	---	---
Phosphorus	ppm	■ 1061	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 3	---	---	---

Depot: VOLVO0077
Unique No: 10858220
Signed: Wes Davis
Report Date: 01 Feb 2024



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GRAPHS

