



CONSTRUCTION EQUIPMENT

SW1024983 UPPER VALL VOLVO EC160D 220030 - SWING DRIVE



Sample No: VCP43529
Oil Type: GL5
Job No: SW1024983 UPPER VALL



ARNOLD MACHINERY COMPANY
3330 NORTH YELLOWSTONE HIGHWAY
IDAHO FALLS, ID
US 83401
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SAMPLE INFORMATION

Sample Number	VCP43529	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	5506	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 158	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 25	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	326	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	24	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	24	---	---	---
Phosphorus	ppm	675	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	20	---	---	---

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: VOLVO0077
Unique No: 10753441
Signed: Don Baldrige
Report Date: 24 Nov 2023



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GRAPHS

