



CONSTRUCTION EQUIPMENT

W06005791 GRADALL XL4100V 414000351 - DROP BOX



Sample No: VCP420888
Oil Type: MOBIL MOBILFLUID 424
Job No: W06005791



SAMPLE INFORMATION

Sample Number	VCP420888	---	---	---
Sample Date	14 Nov 2023	---	---	---
Machine Hours	2069	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

MCCLUNG-LOGAN EQUIPMENT CO - SALEM
2025 COOK DRIVE
SALEM, VA
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OIL CONDITION

Visc @ 40°C	cSt	■ 54.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 55	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The aluminum level is abnormal. All other 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	■ 86	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	▲ 19	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 3054	---	---	---
Magnesium	ppm	■ 24	---	---	---
Zinc	ppm	■ 1184	---	---	---
Phosphorus	ppm	■ 1062	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 116	---	---	---

Depot: VOLVO9010
Unique No: 10751910
Signed: Jonathan Hester
Report Date: 22 Nov 2023



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GRAPHS

