



CONSTRUCTION EQUIPMENT

VOLVO A25G 742444 - WET DISC BRAKE



Sample No: VCP427421
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No:



160 - ASCENDUM MACHINERY INC - MILLS RIVER
 215 FANNING FIELDS RD
 MILLS RIVER, NC
 US 28759
 Contact: BRANDON DRAKE
 brandon.drake@ascendummachinery.com
 T: 8(286)687-0620
 F: (828)687-0622



SAMPLE INFORMATION

Sample Number	VCP427421	---	---	---
Sample Date	14 Sep 2023	---	---	---
Machine Hours	3978	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 44.0	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 23	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 2	---	---	---



WEAR METALS

Iron	ppm	■ 16	---	---	---
Copper	ppm	■ 32	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 458	---	---	---
Magnesium	ppm	■ 18	---	---	---
Zinc	ppm	■ 353	---	---	---
Phosphorus	ppm	■ 308	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 15	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.

Depot: VOLVO1672
Unique No: 10649019
Signed: Angela Borella
Report Date: 19 Sep 2023



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GRAPHS

