



CONSTRUCTION EQUIPMENT

SPM717839 MCIRON VOLVO A45GFS 352632 - WET DISC BRAKE



Sample No: VCP444196
Oil Type: VOLVO WB 102
Job No: SPM717839 MCIRON



SAMPLE INFORMATION

Sample Number	VCP444196	---	---	---
Sample Date	03 Jun 2024	---	---	---
Machine Hours	3995	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: MARK DEROSA
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T: (248)356-5200
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 40.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 20	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. The copper level is abnormal. Elemental level of silicon (Si) above normal. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 55	---	---	---
Copper	ppm	▲ 137	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3551	---	---	---
Magnesium	ppm	█ 10	---	---	---
Zinc	ppm	█ 1569	---	---	---
Phosphorus	ppm	█ 1379	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 86	---	---	---

Depot: VOLVO8885
Unique No: 11090007
Signed: Sean Felton
Report Date: 24 Jun 2024

VOLVO **GRAPHS**

