



CONSTRUCTION EQUIPMENT

SPM716537 MCIRON VOLVO A45GFS 353797 - REAR AXLE



Sample No: VCP451382
Oil Type: GEAR OIL SAE 75W80
Job No: SPM716537 MCIRON



ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
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SAMPLE INFORMATION

Sample Number	VCP451382	---	---	---
Sample Date	17 May 2024	---	---	---
Machine Hours	521	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 52.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 6	---	---	---



WEAR METALS

Iron	ppm	■ 204	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 12	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 12	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 80	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 42	---	---	---
Phosphorus	ppm	■ 2647	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 266	---	---	---

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: VOLVO8885
Unique No: 11090000
Signed: Sean Felton
Report Date: 24 Jun 2024



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GRAPHS

