



CONSTRUCTION EQUIPMENT

SPM675617 MCIRON VOLVO A45GFS 353666 - FRONT AXLE



Sample No: VCP304649
Oil Type: GEAR OIL SAE 75W80
Job No: SPM675617 MCIRON



SAMPLE INFORMATION

Sample Number	VCP304649	---	---	---
Sample Date	09 Mar 2024	---	---	---
Machine Hours	1075	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA CONSTRUCTION EQUIPMENT
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T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 53.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 1	---	---	---

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.



WEAR METALS

Iron	ppm	█ 299	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 9	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 128	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 57	---	---	---
Phosphorus	ppm	█ 2013	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 233	---	---	---

Depot: VOLVO5055
Unique No: 10930020
Signed: Wes Davis
Report Date: 19 Mar 2024



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GRAPHS

