



CONSTRUCTION EQUIPMENT

VOLVO L220H 3093 - FRONT AXLE



Sample No: VCP447656
Oil Type: MOBIL MOBILFLUID 424
Job No:



SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
 sarmstrong@schildberg.com
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SAMPLE INFORMATION

Sample Number	VCP447656	---	---	---
Sample Date	26 Jun 2024	---	---	---
Machine Hours	23315	---	---	---
Oil Hours	2763	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 39.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ <1	---	---	---



WEAR METALS

Iron	ppm	■ 47	---	---	---
Copper	ppm	■ 19	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 5	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 3504	---	---	---
Magnesium	ppm	■ 30	---	---	---
Zinc	ppm	■ 1449	---	---	---
Phosphorus	ppm	■ 1211	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 109	---	---	---

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: SCHGRE
Unique No: 11111391
Signed: Don Baldrige
Report Date: 07 Jul 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

