



CONSTRUCTION EQUIPMENT

VOLVO L150H 7248 - FRONT AXLE



Sample No: VCP416326

Oil Type: FACTORY

Job No:



SAMPLE INFORMATION

Sample Number	VCP416326	---	---	---
Sample Date	01 Sep 2023	---	---	---
Machine Hours	253	---	---	---
Oil Hours	253	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

MARYLAND ENVIRONMENTAL SERVICES

21210 MARTINSBURG RD
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OIL CONDITION

Visc @ 40°C	cSt	█ 41.5	---	---	---
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CONTAMINATION

Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 4	---	---	---

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	█ 19	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3912	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1604	---	---	---
Phosphorus	ppm	1290	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	124	---	---	---

Depot: MARDIC
Unique No: 10645568
Signed: Don Baldrige
Report Date: 15 Sep 2023



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GRAPHS

