



CONSTRUCTION EQUIPMENT

ASCENDUM MACHINERY 19246 VOLVO L120H RL67 (S/N 632516) - FRONT AXLE



Sample No: VCP412251
Oil Type: VOLVO WB 102
Job No: 19246



SAMPLE INFORMATION

Sample Number	VCP412251	---	---	---
Sample Date	21 Jul 2023	---	---	---
Machine Hours	8668	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

HILCO TRANSPORT

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OIL CONDITION

Visc @ 40°C	cSt	█ 42.5	---	---	---
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CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 6	---	---	---
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	█ 72	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 4141	---	---	---
Magnesium	ppm	█ 20	---	---	---
Zinc	ppm	█ 1663	---	---	---
Phosphorus	ppm	█ 1329	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 140	---	---	---

Depot: HILGREVC
Unique No: 10587601
Signed: Doug Bogart
Report Date: 06 Aug 2023



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GRAPHS

