



CONSTRUCTION EQUIPMENT

1026354BIG SKY DAIRY VOLVO L70H 624137 - FRONT AXLE



Sample No: VCP435302
Oil Type: MOBIL MOBILFLUID 424
Job No: 1026354BIG SKY DAIRY



ARNOLD MACHINERY COMPANY
3330 NORTH YELLOWSTONE HIGHWAY
IDAHO FALLS, ID
US 83401
Contact: DAVE BOSTON
dboston@arnoldmachinery.com
T:
F: (208)523-9918



SAMPLE INFORMATION

Sample Number	VCP435302	---	---	---
Sample Date	06 Nov 2023	---	---	---
Machine Hours	3424	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 47.9	---	---	---
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CONTAMINATION

Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 57	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3364	---	---	---
Magnesium	ppm	█ 36	---	---	---
Zinc	ppm	█ 1391	---	---	---
Phosphorus	ppm	█ 1161	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 122	---	---	---

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: VOLVO0077
Unique No: 10739697
Signed: Wes Davis
Report Date: 14 Nov 2023



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GRAPHS

