



CONSTRUCTION EQUIPMENT

SW29498 JEFFERSON CO VOLVO DD138HFA 275206 - REAR AXLE



Sample No: VCP363199
Oil Type: MOBIL SHC 630
Job No: SW29498 JEFFERSON CO



SAMPLE INFORMATION

Sample Number	VCP363199	---	---	---
Sample Date	30 Jan 2024	---	---	---
Machine Hours	2795	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	▲ 80.41	---	---	---
-------------	-----	---------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

No corrective action is recommended at this time. 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 oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.



WEAR METALS

Iron	ppm	■ 69	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	▲ 0	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	▲ 175	---	---	---
Phosphorus	ppm	■ 513	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ <1	---	---	---

Depot: VOLVO0077
Unique No: 10870289
Signed: Jonathan Hester
Report Date: 12 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

