



CONSTRUCTION EQUIPMENT

5001BO VOLVO A40F 12323 - FRONT AXLE



Sample No: VCP247374
Oil Type: GEAR OIL SAE 85W140
Job No: 5001BO



SAMPLE INFORMATION

Sample Number	VCP247374	---	---	---
Sample Date	25 Jun 2019	---	---	---
Machine Hours	6633	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

PENNSY SUPPLY
 200 BURKHOLDER DRIVE
 EPHRATA, PA
 US 17522
 Contact: TYLER MADENFORD



OIL CONDITION

Visc @ 40°C	cSt	▲ 138.7	---	---	---
-------------	-----	---------	-----	-----	-----

T: (717)859-2132
 F:



CONTAMINATION

Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 7	---	---	---

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. Confirm oil type.



WEAR METALS

Iron	ppm	■ 44	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 2	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

Calcium	ppm	■ 36	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 22	---	---	---
Phosphorus	ppm	■ 387	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 17	---	---	---

Depot: PENEPH
Unique No: 8653887
Signed: Jonathan Hester
Report Date: 03 Jul 2019



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

