



CONSTRUCTION EQUIPMENT

VOLVO A40G 352198 - REAR AXLE



Sample No: VCP312933
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP312933	VCP405730	---	---
Sample Date	06 Sep 2023	19 Jun 2023	---	---
Machine Hours	4393	3898	---	---
Oil Hours	495	239	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	132	▲ 49.8	---	---
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CONTAMINATION

Silicon	ppm	2	3	---	---
Sodium	ppm	0	3	---	---
Potassium	ppm	<1	2	---	---

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	23	75	---	---
Copper	ppm	<1	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	185	11	---	---
Magnesium	ppm	16	0	---	---
Zinc	ppm	90	2	---	---
Phosphorus	ppm	1066	2361	---	---
Barium	ppm	0	0	---	---
Boron	ppm	204	294	---	---

Depot: SCHGRE
Unique No: 10672277
Signed: Wes Davis
Report Date: 02 Oct 2023



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GRAPHS

