



CONSTRUCTION EQUIPMENT

A10540 VOLVO A40G 342316 - REAR AXLE



Sample No: VCP411867
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10540



SAMPLE INFORMATION

Sample Number	VCP411867	VCP319964	---	---
Sample Date	06 Jul 2023	09 Sep 2021	---	---
Machine Hours	5600	4315	---	---
Oil Hours	1000	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	203	122	---	---
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CONTAMINATION

Silicon	ppm	4	2	---	---
Sodium	ppm	<1	0	---	---
Potassium	ppm	<1	0	---	---

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	144	71	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	3	1	---	---
Molybdenum	ppm	2	10	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	81	200	---	---
Magnesium	ppm	7	51	---	---
Zinc	ppm	44	127	---	---
Phosphorus	ppm	1747	999	---	---
Barium	ppm	0	0	---	---
Boron	ppm	219	176	---	---

Depot: KCCIVY
Unique No: 10560360
Signed: Don Baldrige
Report Date: 17 Jul 2023



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GRAPHS

