



CONSTRUCTION EQUIPMENT

A10540 VOLVO A40G 342316 - FRONT AXLE



Sample No: VCP411876
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10540



SAMPLE INFORMATION

Sample Number	VCP411876	VCP335663	VCP308758	---
Sample Date	06 Jul 2023	09 Sep 2021	20 Apr 2021	---
Machine Hours	5600	4315	0	---
Oil Hours	1000	1000	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	147	121	131	---
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CONTAMINATION

Silicon	ppm	10	6	3	---
Sodium	ppm	1	<1	1	---
Potassium	ppm	4	0	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	239	209	49	---
Copper	ppm	2	1	<1	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	1	2	<1	---
Chromium	ppm	4	3	<1	---
Molybdenum	ppm	15	17	10	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	2	---
Manganese	ppm	20	6	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	59	175	212	---
Magnesium	ppm	<1	42	44	---
Zinc	ppm	43	118	124	---
Phosphorus	ppm	2450	1007	965	---
Barium	ppm	0	0	0	---
Boron	ppm	227	174	208	---

Depot: KCCIVY
Unique No: 10560366
Signed: Don Baldrige
Report Date: 17 Jul 2023



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GRAPHS

