



CONSTRUCTION EQUIPMENT

A10935 VOLVO A40G 342450 - REAR AXLE



Sample No: VCP416726
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10935



SAMPLE INFORMATION

Sample Number	VCP416726	VCP05276718	VCP294040	VCP282132
Sample Date	24 Aug 2023	08 Jun 2021	08 Jan 2021	13 Jul 2020
Machine Hours	5915	4109	3925	3834
Oil Hours	1000	0	0	0
Oil Changed	Changed	N/A	Not Changd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	143	112	112	52.0
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CONTAMINATION

Water	%	---	▲ 0.356	---	---
Silicon	ppm	7	8	4	12
Sodium	ppm	1	1	<1	5
Potassium	ppm	4	5	6	1

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	262	209	120	457
Copper	ppm	<1	1	<1	6
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	1
Chromium	ppm	5	3	1	5
Molybdenum	ppm	14	10	9	3
Nickel	ppm	<1	<1	<1	1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	20	5	2	13
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	11	223	175	121
Magnesium	ppm	0	21	23	0
Zinc	ppm	0	123	118	67
Phosphorus	ppm	1027	963	1013	2174
Barium	ppm	0	0	0	0
Boron	ppm	216	186	192	220

Depot: KCCIVY
Unique No: 10648987
Signed: Sean Felton
Report Date: 19 Sep 2023



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GRAPHS

