



CONSTRUCTION EQUIPMENT

VOLVO A40G 352341 - DROP BOX



Sample No: VCP405999
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP405999	VCP362771	VCP377242	---
Sample Date	24 Aug 2023	07 Mar 2023	01 Sep 2022	---
Machine Hours	6283	5114	4017	---
Oil Hours	1169	1097	1117	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
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OIL CONDITION

Visc @ 40°C	cSt	134	111	▲ 47.5	---
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CONTAMINATION

Silicon	ppm	6	16	▲ 61	---
Sodium	ppm	<1	<1	6	---
Potassium	ppm	<1	1	3	---

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	24	75	140	---
Copper	ppm	<1	3	10	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	0	1	<1	---
Chromium	ppm	<1	1	1	---
Molybdenum	ppm	3	9	5	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	1	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	170	129	▲ 68	---
Magnesium	ppm	12	7	5	---
Zinc	ppm	56	80	143	---
Phosphorus	ppm	958	1205	▲ 2149	---
Barium	ppm	0	0	0	---
Boron	ppm	202	177	108	---

Depot: SCHGRE
Unique No: 10634490
Signed: Wes Davis
Report Date: 07 Sep 2023



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GRAPHS

