



CONSTRUCTION EQUIPMENT

2901 VOLVO A40G 352199 - DROP BOX



Sample No: VCP404649
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No: 2901



SAMPLE INFORMATION

Sample Number	VCP404649	VCP385103	VCP366922	---
Sample Date	19 Jul 2023	13 Feb 2023	22 Aug 2022	---
Machine Hours	5644	4597	3567	---
Oil Hours	1047	1030	993	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ATTENTION	---

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

Visc @ 40°C	cSt	125	107	56.4	---
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CONTAMINATION

Silicon	ppm	4	12	46	---
Sodium	ppm	1	2	6	---
Potassium	ppm	<1	0	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	178	320	403	---
Copper	ppm	2	4	11	---
Lead	ppm	<1	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	4	12	22	---
Chromium	ppm	2	5	4	---
Molybdenum	ppm	6	13	14	---
Nickel	ppm	<1	2	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	5	8	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	391	370	68	---
Magnesium	ppm	6	12	5	---
Zinc	ppm	151	155	101	---
Phosphorus	ppm	962	1078	1805	---
Barium	ppm	0	0	0	---
Boron	ppm	162	148	109	---

Depot: SCHGRE
Unique No: 10586848
Signed: Wes Davis
Report Date: 04 Aug 2023



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GRAPHS

