



CONSTRUCTION EQUIPMENT

VOLVO A40G 352 198 - DROP BOX



Sample No: VCP447477
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP447477	VCP378567	VCP342846	---
Sample Date	07 Jun 2024	14 Dec 2023	19 Jun 2023	---
Machine Hours	5957	4956	3898	---
Oil Hours	1001	1058	239	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	ATTENTION	ABNORMAL	---

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
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OIL CONDITION

Visc @ 40°C	cSt	127	107	48.0	---
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CONTAMINATION

Water	%	NEG	0.085	NEG	---
Silicon	ppm	5	13	27	---
Sodium	ppm	0	<1	9	---
Potassium	ppm	2	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	70	192	783	---
Copper	ppm	6	13	69	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	9	14	23	---
Chromium	ppm	1	2	8	---
Molybdenum	ppm	9	13	35	---
Nickel	ppm	<1	0	2	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	3	14	---
Vanadium	ppm	<1	0	<1	---



ADDITIVES

Calcium	ppm	173	183	70	---
Magnesium	ppm	14	15	3	---
Zinc	ppm	99	121	186	---
Phosphorus	ppm	1051	1237	2193	---
Barium	ppm	<1	0	0	---
Boron	ppm	159	130	76	---

Depot: SCHGRE
Unique No: 11085042
Signed: Wes Davis
Report Date: 19 Jun 2024



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GRAPHS

