



CONSTRUCTION EQUIPMENT

VOLVO A40G 341127 - DROP BOX



Sample No: VCP385144
Oil Type: MOBIL MOBILUBE HD 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP385144	VCP377236	VCP345565	VCP318050
Sample Date	27 Apr 2023	06 Sep 2022	13 Apr 2022	29 Sep 2021
Machine Hours	12838	11781	10747	9639
Oil Hours	1057	1034	1108	1008
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ATTENTION	NORMAL	NORMAL	NORMAL

SCHILDBERG CONSTRUCTION COMPANY
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 US 50849
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 T: (641)743-8237
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OIL CONDITION

Visc @ 40°C	cSt	135	133	133	133
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CONTAMINATION

Silicon	ppm	2	1	2	1
Sodium	ppm	2	0	<1	0
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	▲ 447	95	53	36
Copper	ppm	2	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	4	3	2	<1
Chromium	ppm	6	1	<1	<1
Molybdenum	ppm	2	1	2	2
Nickel	ppm	4	0	1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	126	173	215	204
Magnesium	ppm	10	6	16	20
Zinc	ppm	53	79	93	94
Phosphorus	ppm	965	965	996	914
Barium	ppm	0	0	0	0
Boron	ppm	153	151	175	131

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. An increase in the iron level is noted. All other 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.

Depot: SCHGRE
Unique No: 10459860
Signed: Angela Borella
Report Date: 11 May 2023



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GRAPHS

