



CONSTRUCTION EQUIPMENT

2806 VOLVO A40G 352025 - REAR AXLE



Sample No: VCP312606
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: 2806



SAMPLE INFORMATION

Sample Number	VCP312606	VCP341884	VCP402328	VCP398286
Sample Date	11 Dec 2023	03 Oct 2023	13 Jul 2023	27 Apr 2023
Machine Hours	10033	9594	9075	8626
Oil Hours	958	519	1127	678
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

SCHILDBERG CONSTRUCTION COMPANY
 PO BOX 358
 GREENFIELD, IA
 US 50849
 Contact: SCOTT ARMSTRONG
 sarmstrong@schildberg.com
 T: (641)743-8237
 F: (641)743-2486



OIL CONDITION

Visc @ 40°C	cSt	139	139	139	139



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	2	7
Sodium	ppm	0	0	<1	2
Potassium	ppm	0	1	<1	<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	7	4	8	8
Copper	ppm	0	<1	<1	1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	0	1	0	1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	2	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	213	238	143	146
Magnesium	ppm	16	16	17	18
Zinc	ppm	94	96	60	59
Phosphorus	ppm	961	970	940	973
Barium	ppm	0	0	0	0
Boron	ppm	165	195	192	162

Depot: SCHGRE
Unique No: 10807027
Signed: Wes Davis
Report Date: 28 Dec 2023



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GRAPHS

