



CONSTRUCTION EQUIPMENT

2688 VOLVO A40G 341462 - REAR AXLE



Sample No: VCP451059
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: 2688



SAMPLE INFORMATION

Sample Number	VCP451059	VCP393307	VCP373709	VCP366589
Sample Date	09 May 2024	26 Jul 2023	31 Oct 2022	10 Aug 2022
Machine Hours	17798	16335	14785	14289
Oil Hours	506	871	496	1010
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	ATTENTION

SCHILDBERG CONSTRUCTION COMPANY
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OIL CONDITION

Visc @ 40°C	cSt	130	129	129	64.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	4	11
Sodium	ppm	0	<1	1	5
Potassium	ppm	<1	0	0	0

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	26	28	13	18
Copper	ppm	<1	2	3	60
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	0	<1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	0	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	1	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	411	308	326	2948
Magnesium	ppm	20	10	7	17
Zinc	ppm	164	139	141	1217
Phosphorus	ppm	924	968	1009	1143
Barium	ppm	0	0	0	0
Boron	ppm	176	160	169	143

Depot: SCHGRE
Unique No: 11075594
Signed: Don Baldrige
Report Date: 14 Jun 2024



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GRAPHS

