



CONSTRUCTION EQUIPMENT

2862 VOLVO A40G 352351 - BOGIE/CENTER AXLE



Sample No: VCP444700
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: 2862



SAMPLE INFORMATION

Sample Number	VCP444700	VCP416788	VCP339705	VCP406637
Sample Date	29 Apr 2024	13 Feb 2024	07 Nov 2023	24 Aug 2023
Machine Hours	8835	8269	7750	7188
Oil Hours	566	1081	562	1168
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	135	139	139	138
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CONTAMINATION

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

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	6	10	4	10
Copper	ppm	1	<1	0	0
Lead	ppm	<1	<1	0	0
Tin	ppm	1	<1	0	0
Aluminum	ppm	<1	<1	0	0
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	3	<1	<1	<1
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	254	168	170	141
Magnesium	ppm	18	9	4	14
Zinc	ppm	100	64	71	48
Phosphorus	ppm	989	998	1006	1014
Barium	ppm	0	0	0	0
Boron	ppm	199	171	173	223

Depot: SCHGRE
Unique No: 11019001
Signed: Wes Davis
Report Date: 09 May 2024



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GRAPHS

