



CONSTRUCTION EQUIPMENT

12058 VOLVO A30D 12117 - BOGIE/CENTER AXLE



Sample No: VCP443154
Oil Type: MOBIL MOBILUBE HD PLUS 85W140
Job No: 12058



SAMPLE INFORMATION

Sample Number	VCP443154	VCP363764	VCP374831	VCP284681
Sample Date	08 Feb 2024	11 Aug 2022	09 Aug 2022	10 Aug 2020
Machine Hours	12796	10465	10465	11690
Oil Hours	0	2000	2000	1500
Oil Changed	N/A	Changed	Changed	Not Changd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	280	256	344	257
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	5	8	6
Sodium	ppm	0	3	<1	3
Potassium	ppm	2	0	2	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	50	91	77	85
Copper	ppm	2	14	7	14
Lead	ppm	0	<1	0	0
Tin	ppm	0	1	<1	<1
Aluminum	ppm	2	2	1	0
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	1	4	<1	7
Nickel	ppm	0	<1	0	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	<1	<1	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	102	186	53	207
Magnesium	ppm	9	19	7	54
Zinc	ppm	36	112	35	143
Phosphorus	ppm	1332	851	992	936
Barium	ppm	12	<1	2	0
Boron	ppm	217	145	207	205

Depot: JAAPHI
Unique No: 10876597
Signed: Jonathan Hester
Report Date: 16 Feb 2024



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VOLVO GRAPHS

