



CONSTRUCTION EQUIPMENT

608826 VOLVO A40D 70043 - BOGIE/CENTER AXLE



Sample No: VCP449857
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 608826



SAMPLE INFORMATION

Sample Number	VCP449857	VCP1771999	VCP187303	VCP157072
Sample Date	22 May 2024	26 Feb 2016	17 Jul 2015	16 Mar 2015
Machine Hours	15722	8568	7897	7459
Oil Hours	0	2000	0	1250
Oil Changed	N/A	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	141	119.9	115.3	123.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	2	2	1
Sodium	ppm	0	<1	0	<1
Potassium	ppm	0	0	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 component. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	98	81	63	62
Copper	ppm	4	3	2	1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	<1	1	1	<1
Molybdenum	ppm	0	3	4	4
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	13	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	1	1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	143	298	314	322
Magnesium	ppm	15	19	17	11
Zinc	ppm	32	136	138	136
Phosphorus	ppm	1208	883	991	850
Barium	ppm	0	0	0	0
Boron	ppm	64	108	109	113

Depot: BLECAM
Unique No: 11056506
Signed: Angela Borella
Report Date: 31 May 2024



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VOLVO GRAPHS

