



CONSTRUCTION EQUIPMENT

VOLVO A30G 742411 - BOGIE/CENTER AXLE



Sample No: VCP439111
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP439111	VCP356892	VCP306607	VCP272911
Sample Date	22 Feb 2024	05 Apr 2022	21 Apr 2021	26 May 2020
Machine Hours	5942	4282	3024	2049
Oil Hours	0	1000	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: BRAD BYRO
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 T: (407)850-9614
 F: (407)659-8720



OIL CONDITION

Visc @ 40°C	cSt	268	184	187	59.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	<1	4
Sodium	ppm	2	<1	<1	4
Potassium	ppm	0	0	<1	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	99	202	192	564
Copper	ppm	5	10	7	24
Lead	ppm	0	0	<1	1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	1	4	3	11
Molybdenum	ppm	4	9	9	5
Nickel	ppm	<1	2	2	7
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	2	6	5	19
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	60	86	107	48
Magnesium	ppm	16	19	19	0
Zinc	ppm	38	53	51	9
Phosphorus	ppm	926	1085	1054	1506
Barium	ppm	0	0	0	<1
Boron	ppm	162	162	177	185

Depot: VOLVO0096
Unique No: 10896994
Signed: Wes Davis
Report Date: 26 Feb 2024



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GRAPHS

