



CONSTRUCTION EQUIPMENT

VOLVO A30G 742411 - REAR AXLE



Sample No: VCP439106
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP439106	VCP356894	VCP303610	VCP275817
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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OIL CONDITION

Visc @ 40°C	cSt	253	185	187	60.6
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CONTAMINATION

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

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	102	357	383	833
Copper	ppm	14	10	8	25
Lead	ppm	0	<1	<1	1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	1	6	6	16
Molybdenum	ppm	4	10	10	4
Nickel	ppm	0	3	3	8
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	0	<1
Manganese	ppm	2	7	7	23
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	117	84	87	61
Magnesium	ppm	15	19	20	<1
Zinc	ppm	65	49	44	13
Phosphorus	ppm	877	1093	1086	1478
Barium	ppm	0	0	0	<1
Boron	ppm	152	172	188	186

Depot: VOLVO0096
Unique No: 10896971
Signed: Wes Davis
Report Date: 26 Feb 2024



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GRAPHS

