



CONSTRUCTION EQUIPMENT

VOLVO A30G 742411 - FRONT AXLE



Sample No: VCP439112
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP439112	VCP356889	VCP303605	VCP272635
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	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: BRAD BYRO
 bradley.byro@altg.com
 T: (407)850-9614
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OIL CONDITION

Visc @ 40°C	cSt	266	189	192	59.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	<1	4
Sodium	ppm	1	<1	1	5
Potassium	ppm	0	0	<1	3

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	73	154	153	503
Copper	ppm	3	6	5	18
Lead	ppm	0	<1	<1	3
Tin	ppm	0	<1	<1	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	<1	3	3	10
Molybdenum	ppm	4	9	10	5
Nickel	ppm	0	2	2	6
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	<1	0
Manganese	ppm	2	5	5	19
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	60	89	82	46
Magnesium	ppm	16	20	20	<1
Zinc	ppm	38	52	44	10
Phosphorus	ppm	886	1091	1083	1476
Barium	ppm	0	0	0	<1
Boron	ppm	151	167	185	186

Depot: VOLVO0096
Unique No: 10896972
Signed: Wes Davis
Report Date: 26 Feb 2024



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GRAPHS

