



CONSTRUCTION EQUIPMENT

VOLVO A40G 342 I 12 - DROP BOX



Sample No: VCP0007904
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP0007904	VCP0006347	VCP290062	VCP259545
Sample Date	29 Mar 2024	07 Feb 2023	30 Oct 2020	02 Dec 2019
Machine Hours	7550	7550	4895	3705
Oil Hours	7550	0	0	0
Oil Changed	N/A	N/A	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: SHAWN NORTHCRAFT
 shawn.northcraft@altg.com
 T: (904)737-6000
 F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	212	213	216	47.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	30	34	12	4
Sodium	ppm	3	2	0	4
Potassium	ppm	5	4	4	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	204	276	78	244
Copper	ppm	1	2	<1	2
Lead	ppm	0	<1	<1	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	15	20	5	2
Chromium	ppm	3	5	2	2
Molybdenum	ppm	16	21	14	0
Nickel	ppm	<1	2	<1	<1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	459	461	406	165
Magnesium	ppm	94	98	86	<1
Zinc	ppm	272	258	240	78
Phosphorus	ppm	1026	849	831	1861
Barium	ppm	0	0	<1	0
Boron	ppm	134	135	136	85

Depot: VOLVO0092
Unique No: 10962598
Signed: Sean Felton
Report Date: 05 Apr 2024



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GRAPHS

